

APPENDIX A

RAW ANALYTICAL DATA AND CALCULATION OF TEQ VALUES

Sample ID	105	Field	P-1									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.252	1.008	0.885	NJ		0.4425	0	0.1	0.0	0.0	0.8%	0.0%
2,3,7,8-TCDD	0.283	1.132		--		0.1415		1	0.1	0.0	2.6%	0.0%
1,2,3,7,8-PeCDF	0.448	1.792	2.39	--		2.39	2.39	0.05	0.1	0.1	2.2%	3.2%
2,3,4,7,8-PeCDF	0.408	1.632	1.28	--		1.28	0.64	0.5	0.6	0.3	11.9%	8.6%
1,2,3,7,8-PeCDD	1.28	5.12		E		0.64		1	0.6	0.0	11.9%	0.0%
1,2,3,4,7,8-HxCDF	0.744	2.976	4.69	--		4.69	4.69	0.1	0.5	0.5	8.7%	12.6%
1,2,3,6,7,8-HxCDF	0.675	2.7	3.43	--		3.43	3.43	0.1	0.3	0.3	6.4%	9.2%
2,3,4,6,7,8-HxCDF	0.887	3.548	1.98	--		1.98	0.99	0.1	0.2	0.1	3.7%	2.7%
1,2,3,7,8,9-HxCDF	1.23	4.92	1.45	B	<5*B	1.45	0.3625	0.1	0.1	0.0	2.7%	1.0%
1,2,3,4,7,8-HxCDD	0.569	2.276	0.789	--		0.789	0.3945	0.1	0.1	0.0	1.5%	1.1%
1,2,3,6,7,8-HxCDD	0.483	1.932	1.3	--		1.3	0.65	0.1	0.1	0.1	2.4%	1.7%
1,2,3,7,8,9-HxCDD	0.485	1.94	1.02	--		1.02	0.51	0.1	0.1	0.1	1.9%	1.4%
1,2,3,4,6,7,8-HpCDF	19.3	77.2		D		4.825		0.01	0.0	0.0	0.9%	0.0%
1,2,3,4,7,8,9-HpCDF	1.2	4.8	6.36	--		6.36	6.36	0.01	0.1	0.1	1.2%	1.7%
1,2,3,4,6,7,8-HpCDD	0.446	1.784	41.8	--		41.8	41.8	0.01	0.4	0.4	7.8%	11.2%
OCDF	0.23	0.92	142	--		142	142	0.0001	0.0	0.0	0.3%	0.4%
OCDD	0.25	1	299	--		299	299	0.0001	0.0	0.0	0.6%	0.8%
PCB-81	1.12	4.48	6.47	J		6.47	3.235	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	1.02	4.08	166	--		166	166	0.0001	0.0	0.0	0.3%	0.4%
PCB-123	54	216		E		27		0.0001	0.0	0.0	0.1%	0.0%
PCB-118	2.56	10.24	1100	CJ		1100	550	0.0001	0.1	0.1	2.0%	1.5%
PCB-114	2.88	11.52		--	<5*B	1.44		0.0005	0.0	0.0	0.0%	0.0%
PCB-105	2.94	11.76	660	CJ		660	330	0.0001	0.1	0.0	1.2%	0.9%
PCB-126	0.459	1.836	14.4	--		14.4	14.4	0.1	1.4	1.4	26.8%	38.7%
PCB-167	0.948	3.792	63.9	--		63.9	63.9	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	1.03	4.12	150	--		150	150	0.0005	0.1	0.1	1.4%	2.0%
PCB-157	1.07	4.28	33.7	--		33.7	33.7	0.0005	0.0	0.0	0.3%	0.5%
PCB-169	0.151	0.604	1.11	--		1.11	1.11	0.01	0.0	0.0	0.2%	0.3%
PCB-189	1.83	7.32	18.8	--		18.8	18.8	0.0001	0.0	0.0	0.0%	0.1%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
3.6	2.1	1.7	1.7	5.4	3.7

Sample ID	157	Field	P-4										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.399	1.596	5.58	NJ		2.79	0	0.1	0.3	0.0	1.8%	0.0%	
2,3,7,8-TCDD	0.233	0.932		E		0.1165		1	0.1	0.0	0.8%	0.0%	
1,2,3,7,8-PeCDF	0.145	0.58	6.98	--		6.98	6.98	0.05	0.3	0.3	2.3%	2.4%	
2,3,4,7,8-PeCDF	0.132	0.528	4.48	--		4.48	4.48	0.5	2.2	2.2	14.5%	15.2%	
1,2,3,7,8-PeCDD	0.0822	0.3288	1.87	--		1.87	1.87	1	1.9	1.9	12.1%	12.7%	
1,2,3,4,7,8-HxCDF	0.417	1.668	10	--		10	10	0.1	1.0	1.0	6.5%	6.8%	
1,2,3,6,7,8-HxCDF	0.341	1.364	7.81	--		7.81	7.81	0.1	0.8	0.8	5.1%	5.3%	
2,3,4,6,7,8-HxCDF	0.429	1.716	8.22	--		8.22	8.22	0.1	0.8	0.8	5.3%	5.6%	
1,2,3,7,8,9-HxCDF	0.485	1.94	2.09	B	<5*B	2.09	1.045	0.1	0.2	0.1	1.4%	0.7%	
1,2,3,4,7,8-HxCDD	0.165	0.66	3.38	--		3.38	3.38	0.1	0.3	0.3	2.2%	2.3%	
1,2,3,6,7,8-HxCDD	0.14	0.56	7.97	--		7.97	7.97	0.1	0.8	0.8	5.2%	5.4%	
1,2,3,7,8,9-HxCDD	0.142	0.568	6.72	--		6.72	6.72	0.1	0.7	0.7	4.4%	4.5%	
1,2,3,4,6,7,8-HpCDF	0.298	1.192	98.3	--		98.3	98.3	0.01	1.0	1.0	6.4%	6.7%	
1,2,3,4,7,8,9-HpCDF	0.539	2.156	10.7	--		10.7	10.7	0.01	0.1	0.1	0.7%	0.7%	
1,2,3,4,6,7,8-HpCDD	1.37	5.48	182	--		182	182	0.01	1.8	1.8	11.8%	12.3%	
OCDF	0.00818	0.0327	216	--		216	216	0.0001	0.0	0.0	0.1%	0.1%	
OCDD	0.0132	0.0528	956	--		956	956	0.0001	0.1	0.1	0.6%	0.6%	
PCB-81	0.539	2.156	2.75	J		2.75	1.375	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	0.374	1.496	98.4	--		98.4	98.4	0.0001	0.0	0.0	0.1%	0.1%	
PCB-123	7.51	30.04	26.6	--		26.6	13.3	0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	6.86	27.44	1430	CJ		1430	715	0.0001	0.1	0.1	0.9%	0.5%	
PCB-114	8.45	33.8	30.3	--		30.3	15.15	0.0005	0.0	0.0	0.1%	0.1%	
PCB-105	8.63	34.52	710	CJ		710	355	0.0001	0.1	0.0	0.5%	0.2%	
PCB-126	1.41	5.64	24.6	--		24.6	24.6	0.1	2.5	2.5	16.0%	16.6%	
PCB-167	0.51	2.04	152	--		152	152	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	0.555	2.22	273	--		273	273	0.0005	0.1	0.1	0.9%	0.9%	
PCB-157	0.578	2.312	78	--		78	78	0.0005	0.0	0.0	0.3%	0.3%	
PCB-169	0.96	3.84	2.83	--		2.83	1.415	0.01	0.0	0.0	0.2%	0.1%	
PCB-189	0.594	2.376	37.1	--		37.1	37.1	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
12.5	12.0	2.9	2.8	15.4	14.8

Sample ID	218	Field	SP-5										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.376	1.504	0.444	NJ		0.222	0	0.1	0.0	0.0	0.8%	0.0%	
2,3,7,8-TCDD	0.169	0.676		--		0.0845		1	0.1	0.0	3.1%	0.0%	
1,2,3,7,8-PeCDF	0.198	0.792	1.02	--		1.02	1.02	0.05	0.1	0.1	1.9%	2.7%	
2,3,4,7,8-PeCDF	0.172	0.688	0.507	--		0.507	0.2535	0.5	0.3	0.1	9.4%	6.7%	
1,2,3,7,8-PeCDD	0.505	2.02		E	<5*B	0.2525		1	0.3	0.0	9.3%	0.0%	
1,2,3,4,7,8-HxCDF	0.458	1.832	2.14	--		2.14	2.14	0.1	0.2	0.2	7.9%	11.3%	
1,2,3,6,7,8-HxCDF	0.385	1.54	1.58	B	<5*B	1.58	0.79	0.1	0.2	0.1	5.8%	4.2%	
2,3,4,6,7,8-HxCDF	0.518	2.072	1.07	B	<5*B	1.07	0.2675	0.1	0.1	0.0	4.0%	1.4%	
1,2,3,7,8,9-HxCDF	0.622	2.488	0.751	B	<5*B	0.751	0.18775	0.1	0.1	0.0	2.8%	1.0%	
1,2,3,4,7,8-HxCDD	0.139	0.556	0.626	--		0.626	0.626	0.1	0.1	0.1	2.3%	3.3%	
1,2,3,6,7,8-HxCDD	0.12	0.48	1.21	--		1.21	1.21	0.1	0.1	0.1	4.5%	6.4%	
1,2,3,7,8,9-HxCDD	0.12	0.48	0.93	J		0.93	0.465	0.1	0.1	0.0	3.4%	2.5%	
1,2,3,4,6,7,8-HpCDF	9.53	38.12		D		2.3825		0.01	0.0	0.0	0.9%	0.0%	
1,2,3,4,7,8,9-HpCDF	0.204	0.816	2.34	--		2.34	2.34	0.01	0.0	0.0	0.9%	1.2%	
1,2,3,4,6,7,8-HpCDD	0.0477	0.1908	26.4	--		26.4	26.4	0.01	0.3	0.3	9.8%	13.9%	
OCDF	0.16	0.64	36.5	B	<5*B	36.5	18.25	0.0001	0.0	0.0	0.1%	0.1%	
OCDD	0.11	0.44	203	--		203	203	0.0001	0.0	0.0	0.8%	1.1%	
PCB-81	0.524	2.096	1.28	J		1.28	0.32	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	0.464	1.856	33.1	J		33.1	16.55	0.0001	0.0	0.0	0.1%	0.1%	
PCB-123	2.08	8.32		--	<5*B	1.04		0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	1.97	7.88	361	BJ	<5*B	361	180.5	0.0001	0.0	0.0	1.3%	1.0%	
PCB-114	2.39	9.56	7.54	B	<5*B	7.54	1.885	0.0005	0.0	0.0	0.1%	0.0%	
PCB-105	2.45	9.8	164	B	<5*B	164	82	0.0001	0.0	0.0	0.6%	0.4%	
PCB-126	0.403	1.612	7.61	--		7.61	7.61	0.1	0.8	0.8	28.1%	40.1%	
PCB-167	0.94	3.76	33.4	B	<5*B	33.4	16.7	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	0.944	3.776	70.6	--		70.6	70.6	0.0005	0.0	0.0	1.3%	1.9%	
PCB-157	1	4	18.5	--		18.5	18.5	0.0005	0.0	0.0	0.3%	0.5%	
PCB-169	0.299	1.196	1.01	--		1.01	0.505	0.01	0.0	0.0	0.4%	0.3%	
PCB-189	1.84	7.36	7.02	--		7.02	3.51	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
1.8	1.1	0.9	0.8	2.7	1.9

Sample ID	237	Field		P-8								
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.365	1.46	1.73	NJ		0.865	0	0.1	0.1	0.0	1.5%	0.0%
2,3,7,8-TCDD	0.102	0.408	0.192	--		0.192	0.096	1	0.2	0.1	3.2%	1.7%
1,2,3,7,8-PeCDF	0.128	0.512	3.92	--		3.92	3.92	0.05	0.2	0.2	3.3%	3.5%
2,3,4,7,8-PeCDF	0.114	0.456	1.23	--		1.23	1.23	0.5	0.6	0.6	10.4%	11.1%
1,2,3,7,8-PeCDD	0.104	0.416	0.527	--		0.527	0.527	1	0.5	0.5	8.9%	9.5%
1,2,3,4,7,8-HxCDF	0.0728	0.2912	5.89	--		5.89	5.89	0.1	0.6	0.6	9.9%	10.6%
1,2,3,6,7,8-HxCDF	0.0754	0.3016	3.75	--		3.75	3.75	0.1	0.4	0.4	6.3%	6.8%
2,3,4,6,7,8-HxCDF	0.0927	0.3708	2.18	--		2.18	2.18	0.1	0.2	0.2	3.7%	3.9%
1,2,3,7,8,9-HxCDF	0.111	0.444	1.52	B	<5*B	1.52	0.76	0.1	0.2	0.1	2.6%	1.4%
1,2,3,4,7,8-HxCDD	0.573	2.292		E		0.2865		0.1	0.0	0.0	0.5%	0.0%
1,2,3,6,7,8-HxCDD	0.1	0.4	1.04	--		1.04	1.04	0.1	0.1	0.1	1.8%	1.9%
1,2,3,7,8,9-HxCDD	0.1	0.4	0.821	--		0.821	0.821	0.1	0.1	0.1	1.4%	1.5%
1,2,3,4,6,7,8-HpCDF	0.184	0.736	17.5	--		17.5	17.5	0.01	0.2	0.2	2.9%	3.2%
1,2,3,4,7,8,9-HpCDF	0.375	1.5	7.25	--		7.25	7.25	0.01	0.1	0.1	1.2%	1.3%
1,2,3,4,6,7,8-HpCDD	0.286	1.144	15.4	--		15.4	15.4	0.01	0.2	0.2	2.6%	2.8%
OCDF	0.107	0.428	126	--		126	126	0.0001	0.0	0.0	0.2%	0.2%
OCDD	0.0828	0.3312	105	--		105	105	0.0001	0.0	0.0	0.2%	0.2%
PCB-81	0.419	1.676	3.27	J		3.27	1.635	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	0.47	1.88	95.1	--		95.1	95.1	0.0001	0.0	0.0	0.2%	0.2%
PCB-123	2.96	11.84	20.7	--		20.7	20.7	0.0001	0.0	0.0	0.0%	0.0%
PCB-118	2.7	10.8	1290	CJ		1290	645	0.0001	0.1	0.1	2.2%	1.2%
PCB-114	3.24	12.96	23.9	--		23.9	23.9	0.0005	0.0	0.0	0.2%	0.2%
PCB-105	3.31	13.24	670	CJ		670	335	0.0001	0.1	0.0	1.1%	0.6%
PCB-126	0.697	2.788	19.9	--		19.9	19.9	0.1	2.0	2.0	33.5%	35.9%
PCB-167	0.443	1.772	93.7	--		93.7	93.7	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	0.482	1.928	208	--		208	208	0.0005	0.1	0.1	1.8%	1.9%
PCB-157	0.501	2.004	55.5	--		55.5	55.5	0.0005	0.0	0.0	0.5%	0.5%
PCB-169	1.1	4.4		E		0.55		0.01	0.0	0.0	0.1%	0.0%
PCB-189	0.39	1.56	13.7	--		13.7	13.7	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
3.6	3.3	2.3	2.2	5.9	5.5

Sample ID	270	Field		P-7									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	1.4	5.6	0.47	NJ		0.35		0.1	0.0	0.0	1.8%	0.0%	
2,3,7,8-TCDD	0.108	0.432		--		0.054		1	0.1	0.0	2.8%	0.0%	
1,2,3,7,8-PeCDF	0.19	0.76	0.604	--		0.604	0.302	0.05	0.0	0.0	1.6%	1.1%	
2,3,4,7,8-PeCDF	0.179	0.716	0.533	--		0.533	0.2665	0.5	0.3	0.1	14.0%	10.0%	
1,2,3,7,8-PeCDD	0.0877	0.3508	0.523	--		0.523	0.523	1	0.5	0.5	27.5%	39.1%	
1,2,3,4,7,8-HxCDF	0.202	0.808	0.995	--		0.995	0.995	0.1	0.1	0.1	5.2%	7.4%	
1,2,3,6,7,8-HxCDF	0.84	3.36		E		0.42		0.1	0.0	0.0	2.2%	0.0%	
2,3,4,6,7,8-HxCDF	0.451	1.804	0.528	B	<5*B	0.528	0.132	0.1	0.1	0.0	2.8%	1.0%	
1,2,3,7,8,9-HxCDF	0.547	2.188		E	<5*B	0.2735		0.1	0.0	0.0	1.4%	0.0%	
1,2,3,4,7,8-HxCDD	0.194	0.776	0.569	--		0.569	0.2845	0.1	0.1	0.0	3.0%	2.1%	
1,2,3,6,7,8-HxCDD	0.169	0.676	1.17	--		1.17	1.17	0.1	0.1	0.1	6.1%	8.8%	
1,2,3,7,8,9-HxCDD	0.171	0.684	0.774	--		0.774	0.774	0.1	0.1	0.1	4.1%	5.8%	
1,2,3,4,6,7,8-HpCDF	4.55	18.2		D		1.1375		0.01	0.0	0.0	0.6%	0.0%	
1,2,3,4,7,8,9-HpCDF	1.15	4.6	1.17	B	<5*B	1.17	0.2925	0.01	0.0	0.0	0.6%	0.2%	
1,2,3,4,6,7,8-HpCDD	0.406	1.624	14.5	--		14.5	14.5	0.01	0.1	0.1	7.6%	10.8%	
OCDF	0.022	0.088	18.7	B	<5*B	18.7	9.35	0.0001	0.0	0.0	0.1%	0.1%	
OCDD	0.509	2.036	81.6	--		81.6	81.6	0.0001	0.0	0.0	0.4%	0.6%	
PCB-81	0.364	1.456	0.773	J		0.773	0.19325	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	0.425	1.7	17.4	--		17.4	17.4	0.0001	0.0	0.0	0.1%	0.1%	
PCB-123	0.164	0.656	2.27	B	<5*B	2.27	1.135	0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	0.15	0.6	127	BJ	<5*B	127	63.5	0.0001	0.0	0.0	0.7%	0.5%	
PCB-114	0.161	0.644	2.5	B	<5*B	2.5	1.25	0.0005	0.0	0.0	0.1%	0.0%	
PCB-105	0.164	0.656	62.9	BJ	<5*B	62.9	31.45	0.0001	0.0	0.0	0.3%	0.2%	
PCB-126	0.717	2.868	3.05	B		3.05	1.525	0.1	0.3	0.2	16.0%	11.4%	
PCB-167	0.126	0.504	9.05	B	<5*B	9.05	4.525	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	0.137	0.548	19.3	B	<5*B	19.3	9.65	0.0005	0.0	0.0	0.5%	0.4%	
PCB-157	0.142	0.568	4.48	B	<5*B	4.48	2.24	0.0005	0.0	0.0	0.1%	0.1%	
PCB-169	0.256	1.024	0.401	--		0.401	0.2005	0.01	0.0	0.0	0.2%	0.1%	
PCB-189	0.0327	0.1308	3.34	--		3.34	3.34	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
1.6	1.2	0.3	0.2	1.9	1.3

Sample ID	273	Field		P-5								
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.37	1.48	8.56	NJ		4.28	0	0.1	0.4	0.0	0.9%	0.0%
2,3,7,8-TCDD	0.366	1.464		E		0.183		1	0.2	0.0	0.4%	0.0%
1,2,3,7,8-PeCDF	0.2	0.8	6.85	--		6.85	6.85	0.05	0.3	0.3	0.7%	0.7%
2,3,4,7,8-PeCDF	0.184	0.736	5.43	--		5.43	5.43	0.5	2.7	2.7	5.6%	5.7%
1,2,3,7,8-PeCDD	0.176	0.704	1.77	--		1.77	1.77	1	1.8	1.8	3.6%	3.7%
1,2,3,4,7,8-HxCDF	0.327	1.308	13.1	--		13.1	13.1	0.1	1.3	1.3	2.7%	2.8%
1,2,3,6,7,8-HxCDF	0.291	1.164	8.26	--		8.26	8.26	0.1	0.8	0.8	1.7%	1.7%
2,3,4,6,7,8-HxCDF	0.374	1.496	5.23	--		5.23	5.23	0.1	0.5	0.5	1.1%	1.1%
1,2,3,7,8,9-HxCDF	2.63	10.52		E	<5*B	1.315		0.1	0.1	0.0	0.3%	0.0%
1,2,3,4,7,8-HxCDD	0.493	1.972	2.95	--		2.95	2.95	0.1	0.3	0.3	0.6%	0.6%
1,2,3,6,7,8-HxCDD	0.457	1.828	5.39	--		5.39	5.39	0.1	0.5	0.5	1.1%	1.1%
1,2,3,7,8,9-HxCDD	0.447	1.788	3.54	--		3.54	3.54	0.1	0.4	0.4	0.7%	0.7%
1,2,3,4,6,7,8-HpCDF	0.22	0.88	50.7	--		50.7	50.7	0.01	0.5	0.5	1.0%	1.1%
1,2,3,4,7,8,9-HpCDF	0.496	1.984	12.3	--		12.3	12.3	0.01	0.1	0.1	0.3%	0.3%
1,2,3,4,6,7,8-HpCDD	1.18	4.72	123	--		123	123	0.01	1.2	1.2	2.5%	2.6%
OCDF	0.126	0.504	186	--		186	186	0.0001	0.0	0.0	0.0%	0.0%
OCDD	0.151	0.604	747	--		747	747	0.0001	0.1	0.1	0.2%	0.2%
PCB-81	6.05	24.2	42	J		42	21	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	6.59	26.36	1780	C		1780	1780	0.0001	0.2	0.2	0.4%	0.4%
PCB-123	126	504	921	C		921	921	0.0001	0.1	0.1	0.2%	0.2%
PCB-118	115	460	460	SJ		460	115	0.0001	0.0	0.0	0.1%	0.0%
PCB-114	143	572	773	C		773	773	0.0005	0.4	0.4	0.8%	0.8%
PCB-105	146	584	14300	SJ		14300	7150	0.0001	1.4	0.7	2.9%	1.5%
PCB-126	48	192	311	C		311	311	0.1	31.1	31.1	63.7%	65.7%
PCB-167	6.9	27.6	2700	C		2700	2700	0.00001	0.0	0.0	0.1%	0.1%
PCB-156	7.51	30.04	6300	C		6300	6300	0.0005	3.2	3.2	6.4%	6.7%
PCB-157	7.81	31.24	1540	C		1540	1540	0.0005	0.8	0.8	1.6%	1.6%
PCB-169	2.85	11.4	21.2	--		21.2	21.2	0.01	0.2	0.2	0.4%	0.4%
PCB-189	6.04	24.16	827	C		827	827	0.0001	0.1	0.1	0.2%	0.2%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
11.4	10.6	37.5	36.7	48.8	47.4

Sample ID	282	Field	SP-3									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.587	2.348	7.85	NJ		3.925	0	0.1	0.4	0.0	1.2%	0.0%
2,3,7,8-TCDD	0.444	1.776	0.948	--		0.948	0.474	1	0.9	0.5	2.9%	1.6%
1,2,3,7,8-PeCDF	0.313	1.252	47.7	--		47.7	47.7	0.05	2.4	2.4	7.3%	8.0%
2,3,4,7,8-PeCDF	0.282	1.128	7.78	--		7.78	7.78	0.5	3.9	3.9	11.8%	13.0%
1,2,3,7,8-PeCDD	0.452	1.808	1.67	B	<5*B	1.67	0.4175	1	1.7	0.4	5.1%	1.4%
1,2,3,4,7,8-HxCDF	3.04	12.16	86.9	--		86.9	86.9	0.1	8.7	8.7	26.4%	29.2%
1,2,3,6,7,8-HxCDF	2.73	10.92	47.6	--		47.6	47.6	0.1	4.8	4.8	14.5%	16.0%
2,3,4,6,7,8-HxCDF	3.49	13.96	20.2	--		20.2	20.2	0.1	2.0	2.0	6.1%	6.8%
1,2,3,7,8,9-HxCDF	4.21	16.84	19.6	--		19.6	19.6	0.1	2.0	2.0	6.0%	6.6%
1,2,3,4,7,8-HxCDD	1.49	5.96		E		0.745		0.1	0.1	0.0	0.2%	0.0%
1,2,3,6,7,8-HxCDD	0.509	2.036	2.19	--		2.19	2.19	0.1	0.2	0.2	0.7%	0.7%
1,2,3,7,8,9-HxCDD	0.5	2	1.69	J		1.69	0.4225	0.1	0.2	0.0	0.5%	0.1%
1,2,3,4,6,7,8-HpCDF	207	828		D		51.75		0.01	0.5	0.0	1.6%	0.0%
1,2,3,4,7,8,9-HpCDF	0.21	0.84	107	--		107	107	0.01	1.1	1.1	3.3%	3.6%
1,2,3,4,6,7,8-HpCDD	0.201	0.804	29.4	--		29.4	29.4	0.01	0.3	0.3	0.9%	1.0%
OCDF	0.14	0.56	1860	--		1860	1860	0.0001	0.2	0.2	0.6%	0.6%
OCDD	0.179	0.716	186	--		186	186	0.0001	0.0	0.0	0.1%	0.1%
PCB-81	6.8	27.2	30.4	J		30.4	15.2	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	5.11	20.44	737	J		737	368.5	0.0001	0.1	0.0	0.2%	0.1%
PCB-123	28.1	112.4		--	<5*B	14.05		0.0001	0.0	0.0	0.0%	0.0%
PCB-118	26.6	106.4	2620	CJ		2620	1310	0.0001	0.3	0.1	0.8%	0.4%
PCB-114	30.3	121.2	98.4	--		98.4	49.2	0.0005	0.0	0.0	0.1%	0.1%
PCB-105	31.1	124.4	1800	C		1800	1800	0.0001	0.2	0.2	0.5%	0.6%
PCB-126	1.42	5.68	28.8	--		28.8	28.8	0.1	2.9	2.9	8.8%	9.7%
PCB-167	3.9	15.6	81.5	--		81.5	81.5	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	3.92	15.68	171	--		171	171	0.0005	0.1	0.1	0.3%	0.3%
PCB-157	4.17	16.68	45.4	--		45.4	45.4	0.0005	0.0	0.0	0.1%	0.1%
PCB-169	1.32	5.28	3.42	--		3.42	1.71	0.01	0.0	0.0	0.1%	0.1%
PCB-189	11.3	45.2	40.8	--		40.8	20.4	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
29.3	26.4	3.6	3.4	32.9	29.8

Sample ID	299	Field	SP-1										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.277	1.108	0.902	NJ		0.451	0	0.1	0.0	0.0	0.8%	0.0%	
2,3,7,8-TCDD	0.229	0.916	0.879	--		0.879	0.4395	1	0.9	0.4	15.8%	11.6%	
1,2,3,7,8-PeCDF	0.361	1.444	3.59	--		3.59	3.59	0.05	0.2	0.2	3.2%	4.7%	
2,3,4,7,8-PeCDF	0.326	1.304	1.05	--		1.05	0.525	0.5	0.5	0.3	9.4%	6.9%	
1,2,3,7,8-PeCDD	0.299	1.196	0.765	B	<5*B	0.765	0.19125	1	0.8	0.2	13.7%	5.1%	
1,2,3,4,7,8-HxCDF	0.928	3.712	6.94	--		6.94	6.94	0.1	0.7	0.7	12.5%	18.3%	
1,2,3,6,7,8-HxCDF	0.83	3.32	3.87	--		3.87	3.87	0.1	0.4	0.4	6.9%	10.2%	
2,3,4,6,7,8-HxCDF	1.1	4.4	2.03	--		2.03	1.015	0.1	0.2	0.1	3.6%	2.7%	
1,2,3,7,8,9-HxCDF	1.68	6.72	1.71	B	<5*B	1.71	0.4275	0.1	0.2	0.0	3.1%	1.1%	
1,2,3,4,7,8-HxCDD	0.235	0.94	0.613	--		0.613	0.3065	0.1	0.1	0.0	1.1%	0.8%	
1,2,3,6,7,8-HxCDD	1.04	4.16		E		0.52		0.1	0.1	0.0	0.9%	0.0%	
1,2,3,7,8,9-HxCDD	0.205	0.82	0.726	J		0.726	0.1815	0.1	0.1	0.0	1.3%	0.5%	
1,2,3,4,6,7,8-HpCDF	16.9	67.6		D		4.225		0.01	0.0	0.0	0.8%	0.0%	
1,2,3,4,7,8,9-HpCDF	0.218	0.872	6.68	--		6.68	6.68	0.01	0.1	0.1	1.2%	1.8%	
1,2,3,4,6,7,8-HpCDD	0.0667	0.2668	22.1	--		22.1	22.1	0.01	0.2	0.2	4.0%	5.8%	
OCDF	0.134	0.536	97.5	--		97.5	97.5	0.0001	0.0	0.0	0.2%	0.3%	
OCDD	0.0921	0.3684	167	--		167	167	0.0001	0.0	0.0	0.3%	0.4%	
PCB-81	1.15	4.6	2.12	J		2.12	0.53	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	1.06	4.24	61.3	J		61.3	30.65	0.0001	0.0	0.0	0.1%	0.1%	
PCB-123	6.36	25.44		--	<5*B	3.18		0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	6.01	24.04	815	CJ		815	407.5	0.0001	0.1	0.0	1.5%	1.1%	
PCB-114	7.36	29.44	19.5	--		19.5	9.75	0.0005	0.0	0.0	0.2%	0.1%	
PCB-105	7.55	30.2	374	--		374	374	0.0001	0.0	0.0	0.7%	1.0%	
PCB-126	0.634	2.536	9.5	--		9.5	9.5	0.1	1.0	1.0	17.1%	25.1%	
PCB-167	2.95	11.8	59.3	--		59.3	59.3	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	2.96	11.84	125	--		125	125	0.0005	0.1	0.1	1.1%	1.7%	
PCB-157	3.15	12.6	32.1	--		32.1	32.1	0.0005	0.0	0.0	0.3%	0.4%	
PCB-169	0.879	3.516	1.24	--		1.24	0.62	0.01	0.0	0.0	0.2%	0.2%	
PCB-189	2.4	9.6	13	--		13	13	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
4.4	2.7	1.2	1.1	5.6	3.8

Sample ID	347	Field	SP-7										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.738	2.952	20.3	NJ		10.15	0	0.1	1.0	0.0	1.0%	0.0%	
2,3,7,8-TCDD	0.276	1.104	0.989	--		0.989	0.4945	1	1.0	0.5	1.0%	0.5%	
1,2,3,7,8-PeCDF	0.459	1.836	131	--		131	131	0.05	6.6	6.6	6.5%	7.2%	
2,3,4,7,8-PeCDF	0.412	1.648	26.6	--		26.6	26.6	0.5	13.3	13.3	13.2%	14.6%	
1,2,3,7,8-PeCDD	0.181	0.724	8.53	--		8.53	8.53	1	8.5	8.5	8.5%	9.4%	
1,2,3,4,7,8-HxCDF	12.6	50.4	241	--		241	241	0.1	24.1	24.1	23.9%	26.5%	
1,2,3,6,7,8-HxCDF	11.4	45.6	124	--		124	124	0.1	12.4	12.4	12.3%	13.6%	
2,3,4,6,7,8-HxCDF	16.3	65.2	61.5	--		61.5	30.75	0.1	6.2	3.1	6.1%	3.4%	
1,2,3,7,8,9-HxCDF	18.5	74	59.7	--		59.7	29.85	0.1	6.0	3.0	5.9%	3.3%	
1,2,3,4,7,8-HxCDD	0.742	2.968	13	--		13	13	0.1	1.3	1.3	1.3%	1.4%	
1,2,3,6,7,8-HxCDD	0.651	2.604	19.8	--		19.8	19.8	0.1	2.0	2.0	2.0%	2.2%	
1,2,3,7,8,9-HxCDD	0.646	2.584	12.9	J		12.9	6.45	0.1	1.3	0.6	1.3%	0.7%	
1,2,3,4,6,7,8-HpCDF	531	2120		D		132.75		0.01	1.3	0.0	1.3%	0.0%	
1,2,3,4,7,8,9-HpCDF	0.462	1.848	278	--		278	278	0.01	2.8	2.8	2.8%	3.1%	
1,2,3,4,6,7,8-HpCDD	0.556	2.224	530	--		530	530	0.01	5.3	5.3	5.3%	5.8%	
OCDF	0.245	0.98	2770	S		2770	2770	0.0001	0.3	0.3	0.3%	0.3%	
OCDD	0.338	1.352	3530	S		3530	3530	0.0001	0.4	0.4	0.3%	0.4%	
PCB-81	1.96	7.84	8.21	J		8.21	4.105	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	1.61	6.44	249	J		249	124.5	0.0001	0.0	0.0	0.0%	0.0%	
PCB-123	32.6	130.4		--	<5*B	16.3		0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	30.8	123.2	5140	CJ		5140	2570	0.0001	0.5	0.3	0.5%	0.3%	
PCB-114	39.3	157.2	124	--		124	62	0.0005	0.1	0.0	0.1%	0.0%	
PCB-105	40.3	161.2	2390	C		2390	2390	0.0001	0.2	0.2	0.2%	0.3%	
PCB-126	1.09	4.36	56.6	--		56.6	56.6	0.1	5.7	5.7	5.6%	6.2%	
PCB-167	26	104	552	C		552	552	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	26.1	104.4	1090	C		1090	1090	0.0005	0.5	0.5	0.5%	0.6%	
PCB-157	27.8	111.2	257	--		257	257	0.0005	0.1	0.1	0.1%	0.1%	
PCB-169	4.11	16.44	10.8	--		10.8	5.4	0.01	0.1	0.1	0.1%	0.1%	
PCB-189	19.9	79.6	161	--		161	161	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
93.6	84.1	7.3	6.9	100.9	91.0

Sample ID	404	Field	P-9									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.201	0.804	3.02	NJ		1.51	0	0.1	0.2	0.0	2.1%	0.0%
2,3,7,8-TCDD	0.215	0.86	0.156	--		0.1075		1	0.1	0.0	1.5%	0.0%
1,2,3,7,8-PeCDF	0.128	0.512	6.82	--		6.82	6.82	0.05	0.3	0.3	4.7%	5.3%
2,3,4,7,8-PeCDF	0.12	0.48	2.34	--		2.34	2.34	0.5	1.2	1.2	16.1%	18.3%
1,2,3,7,8-PeCDD	0.2	0.8	0.637	--		0.637	0.3185	1	0.6	0.3	8.8%	5.0%
1,2,3,4,7,8-HxCDF	0.633	2.532	10.8	--		10.8	10.8	0.1	1.1	1.1	14.9%	16.9%
1,2,3,6,7,8-HxCDF	0.543	2.172	6.01	--		6.01	6.01	0.1	0.6	0.6	8.3%	9.4%
2,3,4,6,7,8-HxCDF	0.672	2.688	3.24	--		3.24	3.24	0.1	0.3	0.3	4.5%	5.1%
1,2,3,7,8,9-HxCDF	0.848	3.392	2.53	B	<5*B	2.53	0.6325	0.1	0.3	0.1	3.5%	1.0%
1,2,3,4,7,8-HxCDD	0.198	0.792	0.763	--		0.763	0.3815	0.1	0.1	0.0	1.0%	0.6%
1,2,3,6,7,8-HxCDD	0.165	0.66	1.04	--		1.04	1.04	0.1	0.1	0.1	1.4%	1.6%
1,2,3,7,8,9-HxCDD	0.17	0.68	0.889	--		0.889	0.889	0.1	0.1	0.1	1.2%	1.4%
1,2,3,4,6,7,8-HpCDF	0.304	1.216	28.2	--		28.2	28.2	0.01	0.3	0.3	3.9%	4.4%
1,2,3,4,7,8,9-HpCDF	0.601	2.404	11	--		11	11	0.01	0.1	0.1	1.5%	1.7%
1,2,3,4,6,7,8-HpCDD	0.259	1.036	14.1	--		14.1	14.1	0.01	0.1	0.1	1.9%	2.2%
OCDF	0.134	0.536	156	--		156	156	0.0001	0.0	0.0	0.2%	0.2%
OCDD	0.155	0.62	103	--		103	103	0.0001	0.0	0.0	0.1%	0.2%
PCB-81	0.477	1.908	4.24	J		4.24	2.12	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	0.576	2.304	88.9	--		88.9	88.9	0.0001	0.0	0.0	0.1%	0.1%
PCB-123	5.37	21.48	36.1	--		36.1	36.1	0.0001	0.0	0.0	0.0%	0.1%
PCB-118	4.91	19.64	934	CJ		934	467	0.0001	0.1	0.0	1.3%	0.7%
PCB-114	18.7	74.8	E			9.35		0.0005	0.0	0.0	0.1%	0.0%
PCB-105	5.67	22.68	457	J		457	228.5	0.0001	0.0	0.0	0.6%	0.4%
PCB-126	0.909	3.636	15.2	--		15.2	15.2	0.1	1.5	1.5	20.9%	23.8%
PCB-167	1.62	6.48	60.1	--		60.1	60.1	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	1.76	7.04	133	--		133	133	0.0005	0.1	0.1	0.9%	1.0%
PCB-157	1.83	7.32	37.6	--		37.6	37.6	0.0005	0.0	0.0	0.3%	0.3%
PCB-169	0.328	1.312	1.51	--		1.51	1.51	0.01	0.0	0.0	0.2%	0.2%
PCB-189	2.35	9.4	12.8	--		12.8	12.8	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
5.5	4.7	1.8	1.7	7.3	6.4

Sample ID	461	Field	SP-11									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.114	0.456	0.567	NJ		0.2835	0	0.1	0.0	0.0	0.9%	0.0%
2,3,7,8-TCDD	0.204	0.816		--		0.102		1	0.1	0.0	3.4%	0.0%
1,2,3,7,8-PeCDF	0.163	0.652	2.2	--		2.2	2.2	0.05	0.1	0.1	3.7%	4.8%
2,3,4,7,8-PeCDF	0.137	0.548	0.551	--		0.551	0.551	0.5	0.3	0.3	9.1%	12.1%
1,2,3,7,8-PeCDD	0.205	0.82	0.342	B	<5*B	0.342	0.0855	1	0.3	0.1	11.4%	3.8%
1,2,3,4,7,8-HxCDF	0.575	2.3	3.86	--		3.86	3.86	0.1	0.4	0.4	12.8%	16.9%
1,2,3,6,7,8-HxCDF	0.508	2.032	2.27	--		2.27	2.27	0.1	0.2	0.2	7.5%	10.0%
2,3,4,6,7,8-HxCDF	0.753	3.012	1.24	B	<5*B	1.24	0.31	0.1	0.1	0.0	4.1%	1.4%
1,2,3,7,8,9-HxCDF	1.03	4.12	1.15	B	<5*B	1.15	0.2875	0.1	0.1	0.0	3.8%	1.3%
1,2,3,4,7,8-HxCDD	0.207	0.828	0.463	--		0.463	0.2315	0.1	0.0	0.0	1.5%	1.0%
1,2,3,6,7,8-HxCDD	0.174	0.696	0.535	--		0.535	0.2675	0.1	0.1	0.0	1.8%	1.2%
1,2,3,7,8,9-HxCDD	0.175	0.7	0.416	J		0.416	0.104	0.1	0.0	0.0	1.4%	0.5%
1,2,3,4,6,7,8-HpCDF	10.7	42.8		D		2.675		0.01	0.0	0.0	0.9%	0.0%
1,2,3,4,7,8,9-HpCDF	0.2	0.8	3.94	--		3.94	3.94	0.01	0.0	0.0	1.3%	1.7%
1,2,3,4,6,7,8-HpCDD	0.136	0.544	12.9	--		12.9	12.9	0.01	0.1	0.1	4.3%	5.7%
OCDF	0.188	0.752	73.2	--		73.2	73.2	0.0001	0.0	0.0	0.2%	0.3%
OCDD	0.151	0.604	112	--		112	112	0.0001	0.0	0.0	0.4%	0.5%
PCB-81	0.985	3.94	1.31	J		1.31	0.3275	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	0.887	3.548	38	J		38	19	0.0001	0.0	0.0	0.1%	0.1%
PCB-123	8.91	35.64		--	<5*B	4.455		0.0001	0.0	0.0	0.0%	0.0%
PCB-118	8.43	33.72	986	CJ		986	493	0.0001	0.1	0.0	3.3%	2.2%
PCB-114	10.2	40.8	23.4	--		23.4	11.7	0.0005	0.0	0.0	0.4%	0.3%
PCB-105	10.5	42	446	--		446	446	0.0001	0.0	0.0	1.5%	2.0%
PCB-126	0.73	2.92	6.78	--		6.78	6.78	0.1	0.7	0.7	22.5%	29.8%
PCB-167	1.84	7.36	62.4	--		62.4	62.4	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	1.85	7.4	165	--		165	165	0.0005	0.1	0.1	2.7%	3.6%
PCB-157	1.96	7.84	35.6	--		35.6	35.6	0.0005	0.0	0.0	0.6%	0.8%
PCB-169	0.386	1.544	0.804	--		0.804	0.402	0.01	0.0	0.0	0.3%	0.2%
PCB-189	1.77	7.08	17.5	--		17.5	17.5	0.0001	0.0	0.0	0.1%	0.1%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
2.1	1.4	0.9	0.9	3.0	2.3

Sample ID	497	Field	SP-9										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.447	1.788	0.717	NJ		0.3585	0	0.1	0.0	0.0	0.9%	0.0%	
2,3,7,8-TCDD	0.123	0.492		--		0.0615		1	0.1	0.0	1.6%	0.0%	
1,2,3,7,8-PeCDF	0.221	0.884	4.73	--		4.73	4.73	0.05	0.2	0.2	6.1%	8.1%	
2,3,4,7,8-PeCDF	0.192	0.768	0.906	--		0.906	0.906	0.5	0.5	0.5	11.7%	15.4%	
1,2,3,7,8-PeCDD	0.443	1.772		E	<5*B	0.2215		1	0.2	0.0	5.7%	0.0%	
1,2,3,4,7,8-HxCDF	0.523	2.092	8.86	--		8.86	8.86	0.1	0.9	0.9	23.0%	30.2%	
1,2,3,6,7,8-HxCDF	0.461	1.844	5.06	--		5.06	5.06	0.1	0.5	0.5	13.1%	17.2%	
2,3,4,6,7,8-HxCDF	0.557	2.228	2.16	--		2.16	1.08	0.1	0.2	0.1	5.6%	3.7%	
1,2,3,7,8,9-HxCDF	0.633	2.532	2.18	B	<5*B	2.18	0.545	0.1	0.2	0.1	5.6%	1.9%	
1,2,3,4,7,8-HxCDD	0.113	0.452	0.457	--		0.457	0.457	0.1	0.0	0.0	1.2%	1.6%	
1,2,3,6,7,8-HxCDD	0.0954	0.3816	0.715	--		0.715	0.715	0.1	0.1	0.1	1.9%	2.4%	
1,2,3,7,8,9-HxCDD	0.0962	0.3848	0.666	J		0.666	0.333	0.1	0.1	0.0	1.7%	1.1%	
1,2,3,4,6,7,8-HpCDF	22.5	90		D		5.625		0.01	0.1	0.0	1.5%	0.0%	
1,2,3,4,7,8,9-HpCDF	0.127	0.508	9.97	--		9.97	9.97	0.01	0.1	0.1	2.6%	3.4%	
1,2,3,4,6,7,8-HpCDD	0.118	0.472	9.88	--		9.88	9.88	0.01	0.1	0.1	2.6%	3.4%	
OCDF	0.0927	0.3708	153	--		153	153	0.0001	0.0	0.0	0.4%	0.5%	
OCDD	0.0911	0.3644	75.4	--		75.4	75.4	0.0001	0.0	0.0	0.2%	0.3%	
PCB-81	0.212	0.848	1.05	J		1.05	0.525	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	1.67	6.68	18.5	BJ	<5*B	18.5	9.25	0.0001	0.0	0.0	0.0%	0.0%	
PCB-123	8.81	35.24		--	<5*B	4.405		0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	8.32	33.28	641	CJ		641	320.5	0.0001	0.1	0.0	1.7%	1.1%	
PCB-114	10.7	42.8	17.1	--		17.1	8.55	0.0005	0.0	0.0	0.2%	0.1%	
PCB-105	10.9	43.6	278	--		278	278	0.0001	0.0	0.0	0.7%	0.9%	
PCB-126	1.42	5.68	3.88	--		3.88	1.94	0.1	0.4	0.2	10.1%	6.6%	
PCB-167	14.7	58.8	42.9	B	<5*B	42.9	10.725	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	14.8	59.2	103	--		103	103	0.0005	0.1	0.1	1.3%	1.8%	
PCB-157	15.7	62.8	26	--		26	13	0.0005	0.0	0.0	0.3%	0.2%	
PCB-169	0.204	0.816	0.645	--		0.645	0.3225	0.01	0.0	0.0	0.2%	0.1%	
PCB-189	36.1	144.4		--		18.05		0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
3.3	2.6	0.6	0.3	3.9	2.9

Sample ID	515	Field	SP-2									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.688	2.752	7.58	NJ		3.79	0	0.1	0.4	0.0	1.7%	0.0%
2,3,7,8-TCDD	0.339	1.356		E		0.1695		1	0.2	0.0	0.8%	0.0%
1,2,3,7,8-PeCDF	0.228	0.912	34.9	--		34.9	34.9	0.05	1.7	1.7	7.9%	9.2%
2,3,4,7,8-PeCDF	0.196	0.784	7.1	--		7.1	7.1	0.5	3.6	3.6	16.0%	18.8%
1,2,3,7,8-PeCDD	0.369	1.476	1.07	B	<5*B	1.07	0.2675	1	1.1	0.3	4.8%	1.4%
1,2,3,4,7,8-HxCDF	3.87	15.48	60.8	--		60.8	60.8	0.1	6.1	6.1	27.5%	32.1%
1,2,3,6,7,8-HxCDF	3.48	13.92	32.6	--		32.6	32.6	0.1	3.3	3.3	14.7%	17.2%
2,3,4,6,7,8-HxCDF	4.37	17.48	12.8	--		12.8	6.4	0.1	1.3	0.6	5.8%	3.4%
1,2,3,7,8,9-HxCDF	5.11	20.44	12.4	--		12.4	6.2	0.1	1.2	0.6	5.6%	3.3%
1,2,3,4,7,8-HxCDD	0.543	2.172	1.31	--		1.31	0.655	0.1	0.1	0.1	0.6%	0.3%
1,2,3,6,7,8-HxCDD	0.446	1.784	1.51	--		1.51	0.755	0.1	0.2	0.1	0.7%	0.4%
1,2,3,7,8,9-HxCDD	1.17	4.68		EJ		0.585		0.1	0.1	0.0	0.3%	0.0%
1,2,3,4,6,7,8-HpCDF	125	500		D		31.25		0.01	0.3	0.0	1.4%	0.0%
1,2,3,4,7,8,9-HpCDF	0.314	1.256	62.9	--		62.9	62.9	0.01	0.6	0.6	2.8%	3.3%
1,2,3,4,6,7,8-HpCDD	0.308	1.232	24.7	--		24.7	24.7	0.01	0.2	0.2	1.1%	1.3%
OCDF	0.223	0.892	892	--		892	892	0.0001	0.1	0.1	0.4%	0.5%
OCDD	0.193	0.772	178	--		178	178	0.0001	0.0	0.0	0.1%	0.1%
PCB-81	3.43	13.72	10.4	J		10.4	2.6	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	2.92	11.68	87.6	J		87.6	43.8	0.0001	0.0	0.0	0.0%	0.0%
PCB-123	5.53	22.12		--	<5*B	2.765		0.0001	0.0	0.0	0.0%	0.0%
PCB-118	5.23	20.92	872	CJ		872	436	0.0001	0.1	0.0	0.4%	0.2%
PCB-114	61	244		E		30.5		0.0005	0.0	0.0	0.1%	0.0%
PCB-105	6.37	25.48	448	--		448	448	0.0001	0.0	0.0	0.2%	0.2%
PCB-126	0.569	2.276	14.4	--		14.4	14.4	0.1	1.4	1.4	6.5%	7.6%
PCB-167	7.73	30.92	79.6	--		79.6	79.6	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	7.76	31.04	146	--		146	146	0.0005	0.1	0.1	0.3%	0.4%
PCB-157	8.25	33	41.5	--		41.5	41.5	0.0005	0.0	0.0	0.1%	0.1%
PCB-169	0.632	2.528	2.52	--		2.52	1.26	0.01	0.0	0.0	0.1%	0.1%
PCB-189	13.9	55.6	27.5	--		27.5	13.75	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
20.4	17.3	1.7	1.6	22.1	18.9

Sample ID	523	Field	SP-6									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.294	1.176	3.1	NJ		1.55	0	0.1	0.2	0.0	1.1%	0.0%
2,3,7,8-TCDD	0.179	0.716	0.394	--		0.394	0.197	1	0.4	0.2	2.8%	1.6%
1,2,3,7,8-PeCDF	0.251	1.004	14.7	--		14.7	14.7	0.05	0.7	0.7	5.2%	5.8%
2,3,4,7,8-PeCDF	0.221	0.884	3.58	--		3.58	3.58	0.5	1.8	1.8	12.7%	14.2%
1,2,3,7,8-PeCDD	0.285	1.14	0.89	B	<5*B	0.89	0.2225	1	0.9	0.2	6.3%	1.8%
1,2,3,4,7,8-HxCDF	0.855	3.42	26	--		26	26	0.1	2.6	2.6	18.4%	20.6%
1,2,3,6,7,8-HxCDF	0.74	2.96	13.9	--		13.9	13.9	0.1	1.4	1.4	9.8%	11.0%
2,3,4,6,7,8-HxCDF	0.998	3.992	6.49	--		6.49	6.49	0.1	0.6	0.6	4.6%	5.2%
1,2,3,7,8,9-HxCDF	1.23	4.92	5.48	--		5.48	5.48	0.1	0.5	0.5	3.9%	4.4%
1,2,3,4,7,8-HxCDD	0.373	1.492	1.18	--		1.18	0.59	0.1	0.1	0.1	0.8%	0.5%
1,2,3,6,7,8-HxCDD	0.327	1.308	1.94	--		1.94	1.94	0.1	0.2	0.2	1.4%	1.5%
1,2,3,7,8,9-HxCDD	0.324	1.296	1.41	J		1.41	0.705	0.1	0.1	0.1	1.0%	0.6%
1,2,3,4,6,7,8-HpCDF	59.1	236.4		D	14.775		0.01	0.1	0.0	0.0	1.0%	0.0%
1,2,3,4,7,8,9-HpCDF	0.295	1.18	26	--		26	26	0.01	0.3	0.3	1.8%	2.1%
1,2,3,4,6,7,8-HpCDD	0.297	1.188	42.9	--		42.9	42.9	0.01	0.4	0.4	3.0%	3.4%
OCDF	0.196	0.784	352	--		352	352	0.0001	0.0	0.0	0.2%	0.3%
OCDD	0.193	0.772	328	--		328	328	0.0001	0.0	0.0	0.2%	0.3%
PCB-81	2.22	8.88	4.65	J		4.65	1.1625	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	1.85	7.4	161	J		161	80.5	0.0001	0.0	0.0	0.1%	0.1%
PCB-123	34.1	136.4		--	<5*B	17.05		0.0001	0.0	0.0	0.0%	0.0%
PCB-118	32.2	128.8	3930	CJ		3930	1965	0.0001	0.4	0.2	2.8%	1.6%
PCB-114	39.1	156.4	96.1	--		96.1	48.05	0.0005	0.0	0.0	0.3%	0.2%
PCB-105	40.1	160.4	1690	C		1690	1690	0.0001	0.2	0.2	1.2%	1.3%
PCB-126	1.28	5.12	26.2	--		26.2	26.2	0.1	2.6	2.6	18.5%	20.8%
PCB-167	3.65	14.6	232	--		232	232	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	3.67	14.68	559	C		559	559	0.0005	0.3	0.3	2.0%	2.2%
PCB-157	3.9	15.6	133	--		133	133	0.0005	0.1	0.1	0.5%	0.5%
PCB-169	1.2	4.8	2.76	--		2.76	1.38	0.01	0.0	0.0	0.2%	0.1%
PCB-189	7.05	28.2	41.5	I		41.5	41.5	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
10.5	9.2	3.6	3.4	14.1	12.6

Sample ID	555	Field	SP-8										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.603	2.412	7.39	NJ		3.695	0	0.1	0.4	0.0	1.1%	0.0%	
2,3,7,8-TCDD	0.432	1.728		E		0.216		1	0.2	0.0	0.6%	0.0%	
1,2,3,7,8-PeCDF	0.286	1.144	56.2	--		56.2	56.2	0.05	2.8	2.8	8.3%	9.5%	
2,3,4,7,8-PeCDF	0.234	0.936	9.69	--		9.69	9.69	0.5	4.8	4.8	14.3%	16.4%	
1,2,3,7,8-PeCDD	1.84	7.36		E	<5*B	0.92		1	0.9	0.0	2.7%	0.0%	
1,2,3,4,7,8-HxCDF	6.35	25.4	93.3	--		93.3	93.3	0.1	9.3	9.3	27.5%	31.7%	
1,2,3,6,7,8-HxCDF	5.32	21.28	49.7	--		49.7	49.7	0.1	5.0	5.0	14.7%	16.9%	
2,3,4,6,7,8-HxCDF	7.24	28.96	22.1	--		22.1	11.05	0.1	2.2	1.1	6.5%	3.8%	
1,2,3,7,8,9-HxCDF	8.42	33.68	20.3	--		20.3	10.15	0.1	2.0	1.0	6.0%	3.4%	
1,2,3,4,7,8-HxCDD	0.571	2.284	2.66	--		2.66	2.66	0.1	0.3	0.3	0.8%	0.9%	
1,2,3,6,7,8-HxCDD	0.469	1.876	4.34	--		4.34	4.34	0.1	0.4	0.4	1.3%	1.5%	
1,2,3,7,8,9-HxCDD	0.475	1.9	3.41	J		3.41	1.705	0.1	0.3	0.2	1.0%	0.6%	
1,2,3,4,6,7,8-HpCDF	203	812		D		50.75		0.01	0.5	0.0	1.5%	0.0%	
1,2,3,4,7,8,9-HpCDF	0.256	1.024	100	--		100	100	0.01	1.0	1.0	2.9%	3.4%	
1,2,3,4,6,7,8-HpCDD	0.146	0.584	78.1	--		78.1	78.1	0.01	0.8	0.8	2.3%	2.7%	
OCDF	0.104	0.416	1390	--		1390	1390	0.0001	0.1	0.1	0.4%	0.5%	
OCDD	0.131	0.524	460	--		460	460	0.0001	0.0	0.0	0.1%	0.2%	
PCB-81	4.65	18.6	6.86	J		6.86	1.715	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	4.31	17.24	163	J		163	81.5	0.0001	0.0	0.0	0.0%	0.0%	
PCB-123	13.5	54		--	<5*B	6.75		0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	12.8	51.2	2460	CJ		2460	1230	0.0001	0.2	0.1	0.7%	0.4%	
PCB-114	15.1	60.4	66.2	--		66.2	66.2	0.0005	0.0	0.0	0.1%	0.1%	
PCB-105	15.5	62	1170	C		1170	1170	0.0001	0.1	0.1	0.3%	0.4%	
PCB-126	1	4	20.3	--		20.3	20.3	0.1	2.0	2.0	6.0%	6.9%	
PCB-167	4.33	17.32	154	--		154	154	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	4.35	17.4	344	--		344	344	0.0005	0.2	0.2	0.5%	0.6%	
PCB-157	4.63	18.52	87.3	--		87.3	87.3	0.0005	0.0	0.0	0.1%	0.1%	
PCB-169	0.984	3.936	3.36	--		3.36	1.68	0.01	0.0	0.0	0.1%	0.1%	
PCB-189	7.49	29.96	42.7	--		42.7	42.7	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
31.2	26.9	2.7	2.5	33.9	29.5

Sample ID	571	Field	SP-10										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.703	2.812	0.745	NJ		0.3725	0	0.1	0.0	0.0	1.1%	0.0%	
2,3,7,8-TCDD	0.152	0.608		--		0.076		1	0.1	0.0	2.3%	0.0%	
1,2,3,7,8-PeCDF	0.214	0.856	3.74	--		3.74	3.74	0.05	0.2	0.2	5.7%	7.1%	
2,3,4,7,8-PeCDF	0.173	0.692	0.82	--		0.82	0.82	0.5	0.4	0.4	12.4%	15.6%	
1,2,3,7,8-PeCDD	0.377	1.508		E	<5*B	0.1885		1	0.2	0.0	5.7%	0.0%	
1,2,3,4,7,8-HxCDF	0.61	2.44	7.36	--		7.36	7.36	0.1	0.7	0.7	22.3%	28.0%	
1,2,3,6,7,8-HxCDF	0.524	2.096	3.95	--		3.95	3.95	0.1	0.4	0.4	12.0%	15.0%	
2,3,4,6,7,8-HxCDF	0.741	2.964	1.93	--		1.93	0.965	0.1	0.2	0.1	5.9%	3.7%	
1,2,3,7,8,9-HxCDF	0.962	3.848	1.73	B	<5*B	1.73	0.4325	0.1	0.2	0.0	5.3%	1.6%	
1,2,3,4,7,8-HxCDD	0.175	0.7	0.405	--		0.405	0.2025	0.1	0.0	0.0	1.2%	0.8%	
1,2,3,6,7,8-HxCDD	0.148	0.592	0.758	--		0.758	0.758	0.1	0.1	0.1	2.3%	2.9%	
1,2,3,7,8,9-HxCDD	0.148	0.592	0.853	J		0.853	0.4265	0.1	0.1	0.0	2.6%	1.6%	
1,2,3,4,6,7,8-HpCDF	19.5	78		D		4.875		0.01	0.0	0.0	1.5%	0.0%	
1,2,3,4,7,8,9-HpCDF	0.139	0.556	8.26	--		8.26	8.26	0.01	0.1	0.1	2.5%	3.1%	
1,2,3,4,6,7,8-HpCDD	0.0932	0.3728	11.3	--		11.3	11.3	0.01	0.1	0.1	3.4%	4.3%	
OCDF	0.149	0.596	135	--		135	135	0.0001	0.0	0.0	0.4%	0.5%	
OCDD	0.0721	0.2884	102	--		102	102	0.0001	0.0	0.0	0.3%	0.4%	
PCB-81	1.07	4.28	1.43	J		1.43	0.3575	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	0.81	3.24	30.1	BJ	<5*B	30.1	15.05	0.0001	0.0	0.0	0.1%	0.1%	
PCB-123	2.53	10.12		--	<5*B	1.265		0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	2.39	9.56	150	BJ	<5*B	150	75	0.0001	0.0	0.0	0.5%	0.3%	
PCB-114	2.9	11.6	3.55	B	<5*B	3.55	0.8875	0.0005	0.0	0.0	0.1%	0.0%	
PCB-105	2.97	11.88	85.5	B	<5*B	85.5	42.75	0.0001	0.0	0.0	0.3%	0.2%	
PCB-126	0.722	2.888	3.79	--		3.79	3.79	0.1	0.4	0.4	11.5%	14.4%	
PCB-167	2.22	8.88	14.8	B	<5*B	14.8	7.4	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	2.23	8.92	22.7	B	<5*B	22.7	11.35	0.0005	0.0	0.0	0.3%	0.2%	
PCB-157	2.37	9.48	7.16	B	<5*B	7.16	1.79	0.0005	0.0	0.0	0.1%	0.0%	
PCB-169	0.375	1.5	0.674	--		0.674	0.337	0.01	0.0	0.0	0.2%	0.1%	
PCB-189	5.42	21.68		E		2.71		0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
2.9	2.2	0.4	0.4	3.3	2.6

Sample ID	692	Field	SP-12										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.0688	0.2752	0.58	NJ		0.29	0	0.1	0.0	0.0	0.8%	0.0%	
2,3,7,8-TCDD	0.137	0.548		--		0.0685		1	0.1	0.0	1.9%	0.0%	
1,2,3,7,8-PeCDF	0.166	0.664	3.77	--		3.77	3.77	0.05	0.2	0.2	5.2%	6.6%	
2,3,4,7,8-PeCDF	0.141	0.564	0.944	--		0.944	0.944	0.5	0.5	0.5	12.9%	16.5%	
1,2,3,7,8-PeCDD	0.122	0.488	0.412	B	<5*B	0.412	0.103	1	0.4	0.1	11.3%	3.6%	
1,2,3,4,7,8-HxCDF	0.512	2.048	6.94	--		6.94	6.94	0.1	0.7	0.7	19.0%	24.3%	
1,2,3,6,7,8-HxCDF	0.456	1.824	3.87	--		3.87	3.87	0.1	0.4	0.4	10.6%	13.6%	
2,3,4,6,7,8-HxCDF	0.637	2.548	1.92	--		1.92	0.96	0.1	0.2	0.1	5.3%	3.4%	
1,2,3,7,8,9-HxCDF	0.783	3.132	1.89	B	<5*B	1.89	0.4725	0.1	0.2	0.0	5.2%	1.7%	
1,2,3,4,7,8-HxCDD	0.182	0.728	0.36	--		0.36	0.18	0.1	0.0	0.0	1.0%	0.6%	
1,2,3,6,7,8-HxCDD	0.152	0.608	0.596	--		0.596	0.298	0.1	0.1	0.0	1.6%	1.0%	
1,2,3,7,8,9-HxCDD	0.154	0.616	0.444	J		0.444	0.111	0.1	0.0	0.0	1.2%	0.4%	
1,2,3,4,6,7,8-HpCDF	16.2	64.8		D		4.05		0.01	0.0	0.0	1.1%	0.0%	
1,2,3,4,7,8,9-HpCDF	0.144	0.576	8	--		8	8	0.01	0.1	0.1	2.2%	2.8%	
1,2,3,4,6,7,8-HpCDD	0.0915	0.366	11	--		11	11	0.01	0.1	0.1	3.0%	3.9%	
OCDF	0.123	0.492	139	--		139	139	0.0001	0.0	0.0	0.4%	0.5%	
OCDD	0.0868	0.3472	90.2	--		90.2	90.2	0.0001	0.0	0.0	0.2%	0.3%	
PCB-81	0.894	3.576	1.08	J		1.08	0.27	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	0.763	3.052	24.6	BJ	<5*B	24.6	12.3	0.0001	0.0	0.0	0.1%	0.0%	
PCB-123	1.65	6.6		--	<5*B	0.825		0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	1.56	6.24	334	BJ	<5*B	334	167	0.0001	0.0	0.0	0.9%	0.6%	
PCB-114	1.82	7.28	7.94	B	<5*B	7.94	3.97	0.0005	0.0	0.0	0.1%	0.1%	
PCB-105	1.87	7.48	147	B	<5*B	147	73.5	0.0001	0.0	0.0	0.4%	0.3%	
PCB-126	0.445	1.78	5.28	--		5.28	5.28	0.1	0.5	0.5	14.4%	18.5%	
PCB-167	0.879	3.516	31.2	B	<5*B	31.2	15.6	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	0.883	3.532	62.5	--		62.5	62.5	0.0005	0.0	0.0	0.9%	1.1%	
PCB-157	0.939	3.756	15.7	B	<5*B	15.7	7.85	0.0005	0.0	0.0	0.2%	0.1%	
PCB-169	0.329	1.316	0.811	--		0.811	0.4055	0.01	0.0	0.0	0.2%	0.1%	
PCB-189	1.41	5.64	13.1	--		13.1	13.1	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
3.0	2.3	0.6	0.6	3.7	2.9

Sample ID	714	Field	P-10										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.558	2.232	0.633	NJ		0.3165	0	0.1	0.0	0.0	0.5%	0.0%	
2,3,7,8-TCDD	0.17	0.68		--		0.085		1	0.1	0.0	1.3%	0.0%	
1,2,3,7,8-PeCDF	0.382	1.528	0.652	--		0.652	0.326	0.05	0.0	0.0	0.5%	0.3%	
2,3,4,7,8-PeCDF	0.349	1.396	0.486	--		0.486	0.243	0.5	0.2	0.1	3.6%	2.1%	
1,2,3,7,8-PeCDD	0.104	0.416	0.53	--		0.53	0.53	1	0.5	0.5	7.9%	8.9%	
1,2,3,4,7,8-HxCDF	0.249	0.996	1.32	--		1.32	1.32	0.1	0.1	0.1	2.0%	2.2%	
1,2,3,6,7,8-HxCDF	0.958	3.832		E		0.479		0.1	0.0	0.0	0.7%	0.0%	
2,3,4,6,7,8-HxCDF	0.31	1.24	0.942	B	<5*B	0.942	0.2355	0.1	0.1	0.0	1.4%	0.4%	
1,2,3,7,8,9-HxCDF	0.466	1.864	0.617	B	<5*B	0.617	0.15425	0.1	0.1	0.0	0.9%	0.3%	
1,2,3,4,7,8-HxCDD	0.171	0.684	0.865	--		0.865	0.865	0.1	0.1	0.1	1.3%	1.5%	
1,2,3,6,7,8-HxCDD	0.153	0.612	1.44	--		1.44	1.44	0.1	0.1	0.1	2.1%	2.4%	
1,2,3,7,8,9-HxCDD	0.152	0.608	1.05	--		1.05	1.05	0.1	0.1	0.1	1.6%	1.8%	
1,2,3,4,6,7,8-HpCDF	12.9	51.6		D		3.225		0.01	0.0	0.0	0.5%	0.0%	
1,2,3,4,7,8,9-HpCDF	1.59	6.36		E	<5*B	0.795		0.01	0.0	0.0	0.1%	0.0%	
1,2,3,4,6,7,8-HpCDD	0.553	2.212	32.4	--		32.4	32.4	0.01	0.3	0.3	4.8%	5.5%	
OCDF	0.137	0.548	26.7	B	<5*B	26.7	13.35	0.0001	0.0	0.0	0.0%	0.0%	
OCDD	0.0865	0.346	210	--		210	210	0.0001	0.0	0.0	0.3%	0.4%	
PCB-81	1.53	6.12	4.6	J		4.6	1.15	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	1.77	7.08	127	--		127	127	0.0001	0.0	0.0	0.2%	0.2%	
PCB-123	12.7	50.8	83.4	--		83.4	83.4	0.0001	0.0	0.0	0.1%	0.1%	
PCB-118	11.6	46.4	4760	CJ		4760	2380	0.0001	0.5	0.2	7.1%	4.0%	
PCB-114	14.1	56.4	108	--		108	108	0.0005	0.1	0.1	0.8%	0.9%	
PCB-105	14.4	57.6	2000	CJ		2000	1000	0.0001	0.2	0.1	3.0%	1.7%	
PCB-126	1.57	6.28	34.6	--		34.6	34.6	0.1	3.5	3.5	51.5%	58.4%	
PCB-167	0.324	1.296	310	--		310	310	0.00001	0.0	0.0	0.0%	0.1%	
PCB-156	0.352	1.408	826	C		826	826	0.0005	0.4	0.4	6.1%	7.0%	
PCB-157	0.367	1.468	187	--		187	187	0.0005	0.1	0.1	1.4%	1.6%	
PCB-169	0.388	1.552	1.63	--		1.63	1.63	0.01	0.0	0.0	0.2%	0.3%	
PCB-189	0.386	1.544	40.9	--		40.9	40.9	0.0001	0.0	0.0	0.1%	0.1%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
2.0	1.5	4.7	4.4	6.7	5.9

Sample ID	769	Field		P-2									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.457	1.828	--		0.2285		0.1	0.0	0.0	0.0	1.6%	0.0%	
2,3,7,8-TCDD	0.179	0.716	--		0.0895		1	0.1	0.0	0.0	6.2%	0.0%	
1,2,3,7,8-PeCDF	0.133	0.532	0.345	--	0.345	0.1725	0.05	0.0	0.0	0.0	1.2%	1.0%	
2,3,4,7,8-PeCDF	0.116	0.464	0.277	--	0.277	0.1385	0.5	0.1	0.1	0.1	9.6%	8.2%	
1,2,3,7,8-PeCDD	0.185	0.74	0.342	--	0.342	0.171	1	0.3	0.2	0.2	23.8%	20.3%	
1,2,3,4,7,8-HxCDF	0.234	0.936	0.986	--	0.986	0.986	0.1	0.1	0.1	0.1	6.8%	11.7%	
1,2,3,6,7,8-HxCDF	0.202	0.808	0.834	--	0.834	0.834	0.1	0.1	0.1	0.1	5.8%	9.9%	
2,3,4,6,7,8-HxCDF	0.257	1.028	0.62	B	<5*B	0.62	0.155	0.1	0.1	0.0	4.3%	1.8%	
1,2,3,7,8,9-HxCDF	0.308	1.232	0.623	B	<5*B	0.623	0.15575	0.1	0.1	0.0	4.3%	1.9%	
1,2,3,4,7,8-HxCDD	0.117	0.468	0.264	--	0.264	0.132	0.1	0.0	0.0	0.0	1.8%	1.6%	
1,2,3,6,7,8-HxCDD	0.1	0.4	0.597	--	0.597	0.597	0.1	0.1	0.1	0.1	4.1%	7.1%	
1,2,3,7,8,9-HxCDD	0.1	0.4	0.629	--	0.629	0.629	0.1	0.1	0.1	0.1	4.4%	7.5%	
1,2,3,4,6,7,8-HpCDF	0.425	1.7	5.19	--	5.19	5.19	0.01	0.1	0.1	0.1	3.6%	6.2%	
1,2,3,4,7,8,9-HpCDF	1.66	6.64	E	<5*B	0.83		0.01	0.0	0.0	0.0	0.6%	0.0%	
1,2,3,4,6,7,8-HpCDD	0.101	0.404	5.64	--	5.64	5.64	0.01	0.1	0.1	0.1	3.9%	6.7%	
OCDF	0.0989	0.3956	36	--	36	36	0.0001	0.0	0.0	0.0	0.3%	0.4%	
OCDD	0.142	0.568	40.6	--	40.6	40.6	0.0001	0.0	0.0	0.0	0.3%	0.5%	
PCB-81	0.241	0.964	1.01	J		1.01	0.505	0.0001	0.0	0.0	0.0	0.0%	0.0%
PCB-77	0.214	0.856	10.8	B	<5*B	10.8	5.4	0.0001	0.0	0.0	0.1%	0.1%	
PCB-123	0.467	1.868	2.44	B	<5*B	2.44	1.22	0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	0.427	1.708	135	BJ	<5*B	135	67.5	0.0001	0.0	0.0	0.9%	0.8%	
PCB-114	0.469	1.876	2.91	B	<5*B	2.91	1.455	0.0005	0.0	0.0	0.1%	0.1%	
PCB-105	0.479	1.916	57.8	BJ	<5*B	57.8	28.9	0.0001	0.0	0.0	0.4%	0.3%	
PCB-126	0.207	0.828	2.12	B		2.12	1.06	0.1	0.2	0.1	14.7%	12.6%	
PCB-167	0.0946	0.3784	8.82	B	<5*B	8.82	4.41	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	0.103	0.412	20	B	<5*B	20	10	0.0005	0.0	0.0	0.7%	0.6%	
PCB-157	0.107	0.428	5.11	B	<5*B	5.11	2.555	0.0005	0.0	0.0	0.2%	0.2%	
PCB-169	0.0699	0.2796	0.336	--	0.336	0.336	0.01	0.0	0.0	0.0	0.2%	0.4%	
PCB-189	0.0753	0.3012	1.61	B	<5*B	1.61	0.805	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
1.2	0.7	0.3	0.1	1.4	0.8

Sample ID	819	Field	P-3										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.655	2.62	11.3	NJ		5.65	0	0.1	0.6	0.0	3.4%	0.0%	
2,3,7,8-TCDD	0.175	0.7	1.03	--		1.03	1.03	1	1.0	1.0	6.1%	6.7%	
1,2,3,7,8-PeCDF	1.55	6.2	12.4	--		12.4	12.4	0.05	0.6	0.6	3.7%	4.0%	
2,3,4,7,8-PeCDF	1.4	5.6	6.31	--		6.31	6.31	0.5	3.2	3.2	18.8%	20.6%	
1,2,3,7,8-PeCDD	0.188	0.752	1.28	--		1.28	1.28	1	1.3	1.3	7.6%	8.3%	
1,2,3,4,7,8-HxCDF	2.13	8.52	23.4	--		23.4	23.4	0.1	2.3	2.3	13.9%	15.3%	
1,2,3,6,7,8-HxCDF	1.9	7.6	13.1	--		13.1	13.1	0.1	1.3	1.3	7.8%	8.5%	
2,3,4,6,7,8-HxCDF	2.39	9.56	7.27	--		7.27	3.635	0.1	0.7	0.4	4.3%	2.4%	
1,2,3,7,8,9-HxCDF	2.81	11.24	5.14	--		5.14	2.57	0.1	0.5	0.3	3.1%	1.7%	
1,2,3,4,7,8-HxCDD	0.526	2.104	1.7	--		1.7	0.85	0.1	0.2	0.1	1.0%	0.6%	
1,2,3,6,7,8-HxCDD	0.441	1.764	2.51	--		2.51	2.51	0.1	0.3	0.3	1.5%	1.6%	
1,2,3,7,8,9-HxCDD	0.445	1.78	2.66	--		2.66	2.66	0.1	0.3	0.3	1.6%	1.7%	
1,2,3,4,6,7,8-HpCDF	0.26	1.04	61.6	--		61.6	61.6	0.01	0.6	0.6	3.7%	4.0%	
1,2,3,4,7,8,9-HpCDF	0.458	1.832	19.4	--		19.4	19.4	0.01	0.2	0.2	1.2%	1.3%	
1,2,3,4,6,7,8-HpCDD	0.283	1.132	44.8	--		44.8	44.8	0.01	0.4	0.4	2.7%	2.9%	
OCDF	0.261	1.044	286	--		286	286	0.0001	0.0	0.0	0.2%	0.2%	
OCDD	0.297	1.188	277	--		277	277	0.0001	0.0	0.0	0.2%	0.2%	
PCB-81	0.526	2.104	6.44	J		6.44	3.22	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	0.49	1.96	166	--		166	166	0.0001	0.0	0.0	0.1%	0.1%	
PCB-123	84.8	339.2		E		42.4		0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	5.26	21.04	1990	CJ		1990	995	0.0001	0.2	0.1	1.2%	0.6%	
PCB-114	79.3	317.2		E		39.65		0.0005	0.0	0.0	0.1%	0.0%	
PCB-105	5.7	22.8	940	CJ		940	470	0.0001	0.1	0.0	0.6%	0.3%	
PCB-126	0.314	1.256	27.2	--		27.2	27.2	0.1	2.7	2.7	16.2%	17.7%	
PCB-167	1.52	6.08	264	--		264	264	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	1.65	6.6	145	--		145	145	0.0005	0.1	0.1	0.4%	0.5%	
PCB-157	1.72	6.88	126	--		126	126	0.0005	0.1	0.1	0.4%	0.4%	
PCB-169	0.251	1.004	3.77	--		3.77	3.77	0.01	0.0	0.0	0.2%	0.2%	
PCB-189	1.75	7	45	--		45	45	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
13.5	12.3	3.2	3.1	16.8	15.3

Sample ID	839	Field	P-6									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.614	2.456	0.311	NJ		0.1535		0.1	0.0	0.0	0.1%	0.0%
2,3,7,8-TCDD	0.0985	0.394		--		0.04925		1	0.0	0.0	0.5%	0.0%
1,2,3,7,8-PeCDF	0.0738	0.2952	1.26	--		1.26	1.26	0.05	0.1	0.1	0.6%	0.6%
2,3,4,7,8-PeCDF	0.0684	0.2736	1.09	--		1.09	1.09	0.5	0.5	0.5	5.2%	5.3%
1,2,3,7,8-PeCDD	0.00685	0.0274	1.86	--		1.86	1.86	1	1.9	1.9	17.7%	18.1%
1,2,3,4,7,8-HxCDF	0.344	1.376	6.92	--		6.92	6.92	0.1	0.7	0.7	6.6%	6.7%
1,2,3,6,7,8-HxCDF	0.445	1.78	3.14	--		3.14	3.14	0.1	0.3	0.3	3.0%	3.1%
2,3,4,6,7,8-HxCDF	0.566	2.264	4.5	--		4.5	4.5	0.1	0.5	0.5	4.3%	4.4%
1,2,3,7,8,9-HxCDF	0.663	2.652	1.29	B	<5*B	1.29	0.3225	0.1	0.1	0.0	1.2%	0.3%
1,2,3,4,7,8-HxCDD	0.0919	0.3676	3.45	--		3.45	3.45	0.1	0.3	0.3	3.3%	3.4%
1,2,3,6,7,8-HxCDD	0.0798	0.3192	7.9	--		7.9	7.9	0.1	0.8	0.8	7.5%	7.7%
1,2,3,7,8,9-HxCDD	0.0802	0.3208	6.87	--		6.87	6.87	0.1	0.7	0.7	6.6%	6.7%
1,2,3,4,6,7,8-HpCDF	0.212	0.848	70	--		70	70	0.01	0.7	0.7	6.7%	6.8%
1,2,3,4,7,8,9-HpCDF	0.36	1.44	6.86	--		6.86	6.86	0.01	0.1	0.1	0.7%	0.7%
1,2,3,4,6,7,8-HpCDD	2.29	9.16	264	--		264	264	0.01	2.6	2.6	25.2%	25.7%
OCDF	0.0619	0.2476	243	--		243	243	0.0001	0.0	0.0	0.2%	0.2%
OCDD	0.0102	0.0408	2190	--		2190	2190	0.0001	0.2	0.2	2.1%	2.1%
PCB-81	0.39	1.56	2.21	J		2.21	1.105	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	0.455	1.82	51.8	--		51.8	51.8	0.0001	0.0	0.0	0.0%	0.1%
PCB-123	1.63	6.52	16.7	--		16.7	16.7	0.0001	0.0	0.0	0.0%	0.0%
PCB-118	1.49	5.96	669	CJ		669	334.5	0.0001	0.1	0.0	0.6%	0.3%
PCB-114	1.69	6.76	23	--		23	23	0.0005	0.0	0.0	0.1%	0.1%
PCB-105	1.73	6.92	376	J		376	188	0.0001	0.0	0.0	0.4%	0.2%
PCB-126	1.14	4.56	7.03	--		7.03	7.03	0.1	0.7	0.7	6.7%	6.8%
PCB-167	0.563	2.252	41.6	--		41.6	41.6	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	0.612	2.448	89.3	--		89.3	89.3	0.0005	0.0	0.0	0.4%	0.4%
PCB-157	0.637	2.548	27.4	--		27.4	27.4	0.0005	0.0	0.0	0.1%	0.1%
PCB-169	0.335	1.34	0.498	--		0.498	0.249	0.01	0.0	0.0	0.0%	0.0%
PCB-189	0.687	2.748	7.01	--		7.01	7.01	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
9.6	9.4	0.9	0.8	10.5	10.3

Sample ID	909	Field	SP-4													
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ					
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	Full	Quant	Full	Quant
2,3,7,8-TCDF	0.303	1.212	1.38	NJ		0.69	0	0.1	0.1	0.0	1.1%	0.0%				
2,3,7,8-TCDD	0.434	1.736		--		0.217		1	0.2	0.0	3.6%	0.0%				
1,2,3,7,8-PeCDF	0.296	1.184	8.89	--		8.89	8.89	0.05	0.4	0.4	7.4%	9.1%				
2,3,4,7,8-PeCDF	0.257	1.028	1.29	--		1.29	1.29	0.5	0.6	0.6	10.7%	13.3%				
1,2,3,7,8-PeCDD	0.476	1.904		E	<5*B	0.238		1	0.2	0.0	3.9%	0.0%				
1,2,3,4,7,8-HxCDF	0.915	3.66	15.9	--		15.9	15.9	0.1	1.6	1.6	26.4%	32.7%				
1,2,3,6,7,8-HxCDF	0.798	3.192	8.42	--		8.42	8.42	0.1	0.8	0.8	14.0%	17.3%				
2,3,4,6,7,8-HxCDF	1.27	5.08	4.19	--		4.19	2.095	0.1	0.4	0.2	7.0%	4.3%				
1,2,3,7,8,9-HxCDF	1.72	6.88	3.82	--		3.82	1.91	0.1	0.4	0.2	6.3%	3.9%				
1,2,3,4,7,8-HxCDD	0.346	1.384	0.486	--		0.486	0.243	0.1	0.0	0.0	0.8%	0.5%				
1,2,3,6,7,8-HxCDD	0.295	1.18	0.843	--		0.843	0.4215	0.1	0.1	0.0	1.4%	0.9%				
1,2,3,7,8,9-HxCDD	0.668	2.672		EJ		0.334		0.1	0.0	0.0	0.6%	0.0%				
1,2,3,4,6,7,8-HpCDF	40.5	162		D		10.125		0.01	0.1	0.0	1.7%	0.0%				
1,2,3,4,7,8,9-HpCDF	0.576	2.304	19.4	--		19.4	19.4	0.01	0.2	0.2	3.2%	4.0%				
1,2,3,4,6,7,8-HpCDD	0.246	0.984	10.7	--		10.7	10.7	0.01	0.1	0.1	1.8%	2.2%				
OCDF	0.33	1.32	435	--		435	435	0.0001	0.0	0.0	0.7%	0.9%				
OCDD	0.389	1.556	84.3	--		84.3	84.3	0.0001	0.0	0.0	0.1%	0.2%				
PCB-81	1.03	4.12	1.8	J		1.8	0.45	0.0001	0.0	0.0	0.0%	0.0%				
PCB-77	0.936	3.744	31.2	BJ	<5*B	31.2	15.6	0.0001	0.0	0.0	0.1%	0.0%				
PCB-123	3.02	12.08		--	<5*B	1.51		0.0001	0.0	0.0	0.0%	0.0%				
PCB-118	2.86	11.44	227	BJ	<5*B	227	113.5	0.0001	0.0	0.0	0.4%	0.2%				
PCB-114	3.29	13.16	5.8	B	<5*B	5.8	1.45	0.0005	0.0	0.0	0.0%	0.0%				
PCB-105	3.37	13.48	116	B	<5*B	116	58	0.0001	0.0	0.0	0.2%	0.1%				
PCB-126	0.983	3.932	4.84	--		4.84	4.84	0.1	0.5	0.5	8.0%	10.0%				
PCB-167	2.2	8.8	21.7	B	<5*B	21.7	10.85	0.00001	0.0	0.0	0.0%	0.0%				
PCB-156	2.21	8.84	38	B	<5*B	38	19	0.0005	0.0	0.0	0.3%	0.2%				
PCB-157	2.35	9.4	11.1	B	<5*B	11.1	5.55	0.0005	0.0	0.0	0.1%	0.1%				
PCB-169	0.398	1.592	0.849	--		0.849	0.4245	0.01	0.0	0.0	0.1%	0.1%				
PCB-189	2.97	11.88	5.85	--		5.85	2.925	0.0001	0.0	0.0	0.0%	0.0%				

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
5.5	4.3	0.6	0.5	6.0	4.9

Sample ID	523-B	Bulk	bulk SP-6									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.589	2.356	3.19	NJ		1.595	0	0.1	0.2	0.0	1.2%	0.0%
2,3,7,8-TCDD	0.166	0.664	0.483	--		0.483	0.2415	1	0.5	0.2	3.6%	2.1%
1,2,3,7,8-PeCDF	0.183	0.732	14	--		14	14	0.05	0.7	0.7	5.3%	6.2%
2,3,4,7,8-PeCDF	0.163	0.652	3.52	--		3.52	3.52	0.5	1.8	1.8	13.3%	15.5%
1,2,3,7,8-PeCDD	0.885	3.54		E	<5*B	0.4425		1	0.4	0.0	3.3%	0.0%
1,2,3,4,7,8-HxCDF	2.27	9.08	25.3	--		25.3	25.3	0.1	2.5	2.5	19.1%	22.3%
1,2,3,6,7,8-HxCDF	1.97	7.88	13.6	--		13.6	13.6	0.1	1.4	1.4	10.3%	12.0%
2,3,4,6,7,8-HxCDF	2.64	10.56	6.68	--		6.68	3.34	0.1	0.7	0.3	5.0%	2.9%
1,2,3,7,8,9-HxCDF	3.51	14.04	5.72	--		5.72	2.86	0.1	0.6	0.3	4.3%	2.5%
1,2,3,4,7,8-HxCDD	0.346	1.384	1.27	--		1.27	0.635	0.1	0.1	0.1	1.0%	0.6%
1,2,3,6,7,8-HxCDD	0.305	1.22	1.7	--		1.7	1.7	0.1	0.2	0.2	1.3%	1.5%
1,2,3,7,8,9-HxCDD	0.301	1.204	1.27	J		1.27	0.635	0.1	0.1	0.1	1.0%	0.6%
1,2,3,4,6,7,8-HpCDF	56.5	226		D		14.125		0.01	0.1	0.0	1.1%	0.0%
1,2,3,4,7,8,9-HpCDF	0.398	1.592	27.9	--		27.9	27.9	0.01	0.3	0.3	2.1%	2.5%
1,2,3,4,6,7,8-HpCDD	0.169	0.676	40.9	--		40.9	40.9	0.01	0.4	0.4	3.1%	3.6%
OCDF	0.137	0.548	429	--		429	429	0.0001	0.0	0.0	0.3%	0.4%
OCDD	0.172	0.688	305	--		305	305	0.0001	0.0	0.0	0.2%	0.3%
PCB-81	5.49	21.96	4.72	J		2.745		0.0001	0.0	0.0	0.0%	0.0%
PCB-77	4.48	17.92	147	J		147	73.5	0.0001	0.0	0.0	0.1%	0.1%
PCB-123	24.6	98.4		--	<5*B	12.3		0.0001	0.0	0.0	0.0%	0.0%
PCB-118	23.2	92.8	3220	CJ		3220	1610	0.0001	0.3	0.2	2.4%	1.4%
PCB-114	29.1	116.4		B	<5*B	14.55		0.0005	0.0	0.0	0.1%	0.0%
PCB-105	29.8	119.2	1440	C		1440	1440	0.0001	0.1	0.1	1.1%	1.3%
PCB-126	2.7	10.8	24.4	--		24.4	24.4	0.1	2.4	2.4	18.4%	21.5%
PCB-167	6.32	25.28	191	--		191	191	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	6.35	25.4	462	--		462	462	0.0005	0.2	0.2	1.7%	2.0%
PCB-157	6.75	27	109	--		109	109	0.0005	0.1	0.1	0.4%	0.5%
PCB-169	0.856	3.424	2.3	--		2.3	1.15	0.01	0.0	0.0	0.2%	0.1%
PCB-189	10.7	42.8	51.6	--		51.6	51.6	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
10.0	8.3	3.2	3.1	13.2	11.3

Sample ID	883	Duplicate	dup SP-4										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.956	3.824	1.17	NJ		0.585	0	0.1	0.1	0.0	1.1%	0.0%	
2,3,7,8-TCDD	0.141	0.564		E		0.0705		1	0.1	0.0	1.4%	0.0%	
1,2,3,7,8-PeCDF	0.109	0.436	7.19	--		7.19	7.19	0.05	0.4	0.4	6.9%	8.4%	
2,3,4,7,8-PeCDF	0.0929	0.3716	1.28	--		1.28	1.28	0.5	0.6	0.6	12.3%	14.9%	
1,2,3,7,8-PeCDD	0.415	1.66		E	<5*B	0.2075		1	0.2	0.0	4.0%	0.0%	
1,2,3,4,7,8-HxCDF	0.984	3.936	13.8	--		13.8	13.8	0.1	1.4	1.4	26.5%	32.2%	
1,2,3,6,7,8-HxCDF	0.865	3.46	7.21	--		7.21	7.21	0.1	0.7	0.7	13.8%	16.8%	
2,3,4,6,7,8-HxCDF	1.09	4.36	3.27	--		3.27	1.635	0.1	0.3	0.2	6.3%	3.8%	
1,2,3,7,8,9-HxCDF	1.32	5.28	3.17	B	<5*B	3.17	0.7925	0.1	0.3	0.1	6.1%	1.8%	
1,2,3,4,7,8-HxCDD	0.433	1.732		E		0.2165		0.1	0.0	0.0	0.4%	0.0%	
1,2,3,6,7,8-HxCDD	0.0698	0.2792	0.792	--		0.792	0.792	0.1	0.1	0.1	1.5%	1.8%	
1,2,3,7,8,9-HxCDD	0.0696	0.2784	0.831	J		0.831	0.4155	0.1	0.1	0.0	1.6%	1.0%	
1,2,3,4,6,7,8-HpCDF	34.4	137.6		D		8.6		0.01	0.1	0.0	1.7%	0.0%	
1,2,3,4,7,8,9-HpCDF	0.155	0.62	16.7	--		16.7	16.7	0.01	0.2	0.2	3.2%	3.9%	
1,2,3,4,6,7,8-HpCDD	0.0864	0.3456	10.6	--		10.6	10.6	0.01	0.1	0.1	2.0%	2.5%	
OCDF	0.0525	0.21	282	--		282	282	0.0001	0.0	0.0	0.5%	0.7%	
OCDD	0.0764	0.3056	86.9	--		86.9	86.9	0.0001	0.0	0.0	0.2%	0.2%	
PCB-81	1.42	5.68	1.68	J		1.68	0.42	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	1.28	5.12	30.1	BJ	<5*B	30.1	15.05	0.0001	0.0	0.0	0.1%	0.0%	
PCB-123	4.83	19.32		--	<5*B	2.415		0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	4.56	18.24	217	BJ	<5*B	217	108.5	0.0001	0.0	0.0	0.4%	0.3%	
PCB-114	5.55	22.2	5.28	B	<5*B	2.775		0.0005	0.0	0.0	0.0%	0.0%	
PCB-105	5.69	22.76	116	B	<5*B	116	58	0.0001	0.0	0.0	0.2%	0.1%	
PCB-126	0.38	1.52	4.8	--		4.8	4.8	0.1	0.5	0.5	9.2%	11.2%	
PCB-167	2.26	9.04	19.2	B	<5*B	19.2	9.6	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	2.27	9.08	34.3	B	<5*B	34.3	17.15	0.0005	0.0	0.0	0.3%	0.2%	
PCB-157	2.41	9.64	12.1	B	<5*B	12.1	6.05	0.0005	0.0	0.0	0.1%	0.1%	
PCB-169	0.284	1.136	0.756	--		0.756	0.378	0.01	0.0	0.0	0.1%	0.1%	
PCB-189	3.19	12.76	5.8	--		5.8	2.9	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
4.7	3.8	0.5	0.5	5.2	4.3

Sample ID	364	Field Blank		f blank								
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	1.2	4.8	--		0.6		0.1	0.1	0.0	3.0%	0.0%	
2,3,7,8-TCDD	0.595	2.38	--		0.2975		1	0.3	0.0	15.1%	0.0%	
1,2,3,7,8-PeCDF	0.491	1.964	--		0.2455		0.05	0.0	0.0	0.6%	0.0%	
2,3,4,7,8-PeCDF	0.39	1.56	--		0.195		0.5	0.1	0.0	5.0%	0.0%	
1,2,3,7,8-PeCDD	0.717	2.868	E	<5*B	0.3585		1	0.4	0.0	18.2%	0.0%	
1,2,3,4,7,8-HxCDF	0.691	2.764	0.739	--	<5*B	0.739	0.3695	0.1	0.1	0.0	3.8%	5.1%
1,2,3,6,7,8-HxCDF	0.595	2.38	0.968	B	<5*B	0.968	0.242	0.1	0.1	0.0	4.9%	3.4%
2,3,4,6,7,8-HxCDF	0.782	3.128	0.671	B	<5*B	0.391		0.1	0.0	0.0	2.0%	0.0%
1,2,3,7,8,9-HxCDF	1.32	5.28	0.643	B	<5*B	0.66		0.1	0.1	0.0	3.4%	0.0%
1,2,3,4,7,8-HxCDD	0.781	3.124		E		0.3905		0.1	0.0	0.0	2.0%	0.0%
1,2,3,6,7,8-HxCDD	0.295	1.18	1.41	--		1.41	1.41	0.1	0.1	0.1	7.2%	19.6%
1,2,3,7,8,9-HxCDD	0.296	1.184	1.03	J		1.03	0.2575	0.1	0.1	0.0	5.2%	3.6%
1,2,3,4,6,7,8-HpCDF	5.58	22.32		D	<5*B	1.395		0.01	0.0	0.0	0.7%	0.0%
1,2,3,4,7,8,9-HpCDF	0.933	3.732		E		0.4665		0.01	0.0	0.0	0.2%	0.0%
1,2,3,4,6,7,8-HpCDD	0.357	1.428	38.8	--		38.8	38.8	0.01	0.4	0.4	19.7%	54.0%
OCDF	0.391	1.564	13.7	B	<5*B	13.7	6.85	0.0001	0.0	0.0	0.1%	0.1%
OCDD	0.271	1.084	333	--		333	333	0.0001	0.0	0.0	1.7%	4.6%
PCB-81	4.19	16.76		J		2.095		0.0001	0.0	0.0	0.0%	0.0%
PCB-77	3.59	14.36	6.05	BJ	<5*B	6.05	1.5125	0.0001	0.0	0.0	0.0%	0.0%
PCB-123	1.92	7.68	--		<5*B	0.96		0.0001	0.0	0.0	0.0%	0.0%
PCB-118	1.82	7.28	134	BJ	<5*B	134	67	0.0001	0.0	0.0	0.7%	0.9%
PCB-114	2.01	8.04	3.63	B	<5*B	3.63	0.9075	0.0005	0.0	0.0	0.1%	0.1%
PCB-105	2.06	8.24	59.8	B	<5*B	59.8	29.9	0.0001	0.0	0.0	0.3%	0.4%
PCB-126	0.264	1.056	1.03	--		1.03	0.515	0.1	0.1	0.1	5.2%	7.2%
PCB-167	2.3	9.2	10.8	B	<5*B	10.8	5.4	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	2.31	9.24	24.2	B	<5*B	24.2	12.1	0.0005	0.0	0.0	0.6%	0.8%
PCB-157	2.45	9.8	6.07	B	<5*B	6.07	1.5175	0.0005	0.0	0.0	0.2%	0.1%
PCB-169	0.384	1.536	--			0.192		0.01	0.0	0.0	0.1%	0.0%
PCB-189	3.26	13.04	2.18	--		1.63		0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
1.8	0.6	0.1	0.1	2.0	0.7

Sample ID	GAANLMB	Lab Blank	lab blank									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.526	2.104		--	0.263		0.1	0.0	0.0	2.9%	0.0%	
2,3,7,8-TCDD	0.139	0.556		--	0.0695		1	0.1	0.0	7.6%	0.0%	
1,2,3,7,8-PeCDF	0.406	1.624		E	0.203		0.05	0.0	0.0	1.1%	0.0%	
2,3,4,7,8-PeCDF	0.286	1.144		--	0.143		0.5	0.1	0.0	7.8%	0.0%	
1,2,3,7,8-PeCDD	0.162	0.648	0.424	--	0.424	0.212	1	0.4	0.2	46.2%	62.5%	
1,2,3,4,7,8-HxCDF	0.308	1.232	0.372	--	0.372	0.186	0.1	0.0	0.0	4.1%	5.5%	
1,2,3,6,7,8-HxCDF	0.276	1.104	0.344	--	0.344	0.172	0.1	0.0	0.0	3.7%	5.1%	
2,3,4,6,7,8-HxCDF	0.324	1.296	0.326	--	0.326	0.163	0.1	0.0	0.0	3.6%	4.8%	
1,2,3,7,8,9-HxCDF	0.422	1.688	0.64	--	0.64	0.32	0.1	0.1	0.0	7.0%	9.4%	
1,2,3,4,7,8-HxCDD	0.258	1.032		E	0.129		0.1	0.0	0.0	1.4%	0.0%	
1,2,3,6,7,8-HxCDD	0.185	0.74		--	0.0925		0.1	0.0	0.0	1.0%	0.0%	
1,2,3,7,8,9-HxCDD	0.187	0.748		J	0.0935		0.1	0.0	0.0	1.0%	0.0%	
1,2,3,4,6,7,8-HpCDF	0.167	0.668	0.802	--	0.802	0.802	0.01	0.0	0.0	0.9%	2.4%	
1,2,3,4,7,8,9-HpCDF	0.506	2.024		E	0.253		0.01	0.0	0.0	0.3%	0.0%	
1,2,3,4,6,7,8-HpCDD	0.124	0.496	1.01	--	1.01	1.01	0.01	0.0	0.0	1.1%	3.0%	
OCDF	0.358	1.432	8.34	--	8.34	8.34	0.0001	0.0	0.0	0.1%	0.2%	
OCDD	0.0292	0.1168	6.78	--	6.78	6.78	0.0001	0.0	0.0	0.1%	0.2%	
PCB-81	2.42	9.68		J	1.21		0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	2.12	8.48	6.28	J	6.28	1.57	0.0001	0.0	0.0	0.1%	0.0%	
PCB-123	4.35	17.4	5.21	--	5.21	2.605	0.0001	0.0	0.0	0.1%	0.1%	
PCB-118	4.12	16.48	108	--	108	108	0.0001	0.0	0.0	1.2%	3.2%	
PCB-114	0.66	2.64	3.36	--	3.36	3.36	0.0005	0.0	0.0	0.2%	0.5%	
PCB-105	5.44	21.76	40.5	--	40.5	40.5	0.0001	0.0	0.0	0.4%	1.2%	
PCB-126	1.37	5.48		--	0.685		0.1	0.1	0.0	7.5%	0.0%	
PCB-167	2.06	8.24	11.3	--	11.3	11.3	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	2.07	8.28	10.7	--	10.7	10.7	0.0005	0.0	0.0	0.6%	1.6%	
PCB-157	2.2	8.8	3.24	--	3.24	1.62	0.0005	0.0	0.0	0.2%	0.2%	
PCB-169	0.29	1.16		--	0.145		0.01	0.0	0.0	0.2%	0.0%	
PCB-189	1.57	6.28		--	0.785		0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
0.8	0.3	0.1	0.0	0.9	0.3

Sample ID	GAAOMB	Lab Blank	lab blank									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.0413	0.1652		--	0.02065		0.1	0.0	0.0	0.0	0.7%	0.0%
2,3,7,8-TCDD	0.00611	0.0244		--	0.003055		1	0.0	0.0	0.0	1.0%	0.0%
1,2,3,7,8-PeCDF	0.0463	0.1852		--	0.02315		0.05	0.0	0.0	0.0	0.4%	0.0%
2,3,4,7,8-PeCDF	0.0424	0.1696		--	0.0212		0.5	0.0	0.0	0.0	3.5%	0.0%
1,2,3,7,8-PeCDD	0.111	0.444		--	0.0555		1	0.1	0.0	0.0	18.1%	0.0%
1,2,3,4,7,8-HxCDF	0.425	1.7		E	0.2125		0.1	0.0	0.0	0.0	6.9%	0.0%
1,2,3,6,7,8-HxCDF	0.352	1.408		E	0.176		0.1	0.0	0.0	0.0	5.8%	0.0%
2,3,4,6,7,8-HxCDF	0.0135	0.054	0.34	--	0.34	0.34	0.1	0.0	0.0	0.0	11.1%	28.6%
1,2,3,7,8,9-HxCDF	0.0148	0.0592	0.694	--	0.694	0.694	0.1	0.1	0.1	0.1	22.7%	58.3%
1,2,3,4,7,8-HxCDD	0.00975	0.039		--	0.004875		0.1	0.0	0.0	0.0	0.2%	0.0%
1,2,3,6,7,8-HxCDD	0.00849	0.034		--	0.004245		0.1	0.0	0.0	0.0	0.1%	0.0%
1,2,3,7,8,9-HxCDD	0.00825	0.033		--	0.004125		0.1	0.0	0.0	0.0	0.1%	0.0%
1,2,3,4,6,7,8-HpCDF	0.657	2.628		D	0.16425		0.01	0.0	0.0	0.0	0.5%	0.0%
1,2,3,4,7,8,9-HpCDF	0.0472	0.1888	0.513	--	0.513	0.513	0.01	0.0	0.0	0.0	1.7%	4.3%
1,2,3,4,6,7,8-HpCDD	0.684	2.736		E	0.342		0.01	0.0	0.0	0.0	1.1%	0.0%
OCDF	0.00617	0.0247	6.46	--	6.46	6.46	0.0001	0.0	0.0	0.0	0.2%	0.5%
OCDD	0.0114	0.0456	4.98	--	4.98	4.98	0.0001	0.0	0.0	0.0	0.2%	0.4%
PCB-81	0.219	0.876		J	0.1095		0.0001	0.0	0.0	0.0	0.0%	0.0%
PCB-77	0.214	0.856	2.42	--	2.42	2.42	0.0001	0.0	0.0	0.0	0.1%	0.2%
PCB-123	0.344	1.376	0.997	--	0.997	0.4985	0.0001	0.0	0.0	0.0	0.0%	0.0%
PCB-118	0.315	1.26	57.9	J	57.9	28.95	0.0001	0.0	0.0	0.0	1.9%	2.4%
PCB-114	0.348	1.392	1.49	--	1.49	1.49	0.0005	0.0	0.0	0.0	0.2%	0.6%
PCB-105	0.355	1.42	22.7	J	22.7	11.35	0.0001	0.0	0.0	0.0	0.7%	1.0%
PCB-126	1.27	5.08		--	0.635		0.1	0.1	0.0	0.0	20.8%	0.0%
PCB-167	0.0771	0.3084	2.29	--	2.29	2.29	0.00001	0.0	0.0	0.0	0.0%	0.0%
PCB-156	0.0838	0.3352	6.83	--	6.83	6.83	0.0005	0.0	0.0	0.0	1.1%	2.9%
PCB-157	0.0872	0.3488	1.54	--	1.54	1.54	0.0005	0.0	0.0	0.0	0.3%	0.6%
PCB-169	0.329	1.316		--	0.1645		0.01	0.0	0.0	0.0	0.5%	0.0%
PCB-189	0.0446	0.1784	0.664	--	0.664	0.664	0.0001	0.0	0.0	0.0	0.0%	0.1%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
0.2	0.1	0.1	0.0	0.3	0.1

Sample ID	GAANLCS	<i>Lab Spike</i>	lab spike										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.398	1.592	19	--		19	19	0.1	1.9	1.9	0.7%	0.7%	
2,3,7,8-TCDD	0.316	1.264	18.2	--		18.2	18.2	1	18.2	18.2	6.6%	6.7%	
1,2,3,7,8-PeCDF	0.382	1.528	111	--		111	111	0.05	5.6	5.6	2.0%	2.0%	
2,3,4,7,8-PeCDF	0.322	1.288	93.4	--		93.4	93.4	0.5	46.7	46.7	16.9%	17.1%	
1,2,3,7,8-PeCDD	0.252	1.008	114	--		114	114	1	114.0	114.0	41.2%	41.8%	
1,2,3,4,7,8-HxCDF	0.166	0.664	95	--		95	95	0.1	9.5	9.5	3.4%	3.5%	
1,2,3,6,7,8-HxCDF	0.146	0.584	89	--		89	89	0.1	8.9	8.9	3.2%	3.3%	
2,3,4,6,7,8-HxCDF	0.206	0.824	101	--		101	101	0.1	10.1	10.1	3.7%	3.7%	
1,2,3,7,8,9-HxCDF	0.322	1.288	83.2	--		83.2	83.2	0.1	8.3	8.3	3.0%	3.0%	
1,2,3,4,7,8-HxCDD	0.131	0.524	101	--		101	101	0.1	10.1	10.1	3.7%	3.7%	
1,2,3,6,7,8-HxCDD	0.109	0.436	87.2	--		87.2	87.2	0.1	8.7	8.7	3.2%	3.2%	
1,2,3,7,8,9-HxCDD	0.111	0.444	70.4	J		70.4	35.2	0.1	7.0	3.5	2.5%	1.3%	
1,2,3,4,6,7,8-HpCDF	0.134	0.536	81.8	--		81.8	81.8	0.01	0.8	0.8	0.3%	0.3%	
1,2,3,4,7,8,9-HpCDF	0.332	1.328	95.6	--		95.6	95.6	0.01	1.0	1.0	0.3%	0.4%	
1,2,3,4,6,7,8-HpCDD	0.084	0.336	106	--		106	106	0.01	1.1	1.1	0.4%	0.4%	
OCDF	0.296	1.184	212	--		212	212	0.0001	0.0	0.0	0.0%	0.0%	
OCDD	0.158	0.632	192	--		192	192	0.0001	0.0	0.0	0.0%	0.0%	
PCB-81	2.62	10.48	252	J		252	126	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	2.32	9.28	256	J		256	128	0.0001	0.0	0.0	0.0%	0.0%	
PCB-123	3.13	12.52	220	--		220	220	0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	2.96	11.84	304	BJ	<5*B	304	152	0.0001	0.0	0.0	0.0%	0.0%	
PCB-114	3.25	13	196	--		196	196	0.0005	0.1	0.1	0.0%	0.0%	
PCB-105	3.33	13.32	239	--		239	239	0.0001	0.0	0.0	0.0%	0.0%	
PCB-126	1.68	6.72	220	--		220	220	0.1	22.0	22.0	8.0%	8.1%	
PCB-167	1.07	4.28	220	--		220	220	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	1.07	4.28	210	--		210	210	0.0005	0.1	0.1	0.0%	0.0%	
PCB-157	1.14	4.56	205	--		205	205	0.0005	0.1	0.1	0.0%	0.0%	
PCB-169	1.14	4.56	224	--		224	224	0.01	2.2	2.2	0.8%	0.8%	
PCB-189	0.688	2.752	204	--		204	204	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
251.9	248.4	24.7	24.7	276.6	273.0

Sample ID	GAAOLCS	<i>Lab Spike</i>	lab spike										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.465	1.86	19	NJ		9.5	0	0.1	1.0	0.0	0.3%	0.0%	
2,3,7,8-TCDD	0.346	1.384	17.1	--		17.1	17.1	1	17.1	17.1	6.3%	6.3%	
1,2,3,7,8-PeCDF	0.219	0.876	106	--		106	106	0.05	5.3	5.3	1.9%	1.9%	
2,3,4,7,8-PeCDF	0.192	0.768	93.2	--		93.2	93.2	0.5	46.6	46.6	17.1%	17.1%	
1,2,3,7,8-PeCDD	0.256	1.024	112	--		112	112	1	112.0	112.0	41.0%	41.1%	
1,2,3,4,7,8-HxCDF	0.298	1.192	96.8	--		96.8	96.8	0.1	9.7	9.7	3.5%	3.6%	
1,2,3,6,7,8-HxCDF	0.256	1.024	89.7	--		89.7	89.7	0.1	9.0	9.0	3.3%	3.3%	
2,3,4,6,7,8-HxCDF	0.335	1.34	97.6	--		97.6	97.6	0.1	9.8	9.8	3.6%	3.6%	
1,2,3,7,8,9-HxCDF	0.495	1.98	85.5	--		85.5	85.5	0.1	8.6	8.6	3.1%	3.1%	
1,2,3,4,7,8-HxCDD	0.0924	0.3696	99.8	--		99.8	99.8	0.1	10.0	10.0	3.7%	3.7%	
1,2,3,6,7,8-HxCDD	0.0838	0.3352	85.7	--		85.7	85.7	0.1	8.6	8.6	3.1%	3.1%	
1,2,3,7,8,9-HxCDD	0.0817	0.3268	82.2	--		82.2	82.2	0.1	8.2	8.2	3.0%	3.0%	
1,2,3,4,6,7,8-HpCDF	0.163	0.652	82.2	--		82.2	82.2	0.01	0.8	0.8	0.3%	0.3%	
1,2,3,4,7,8,9-HpCDF	0.352	1.408	93.5	--		93.5	93.5	0.01	0.9	0.9	0.3%	0.3%	
1,2,3,4,6,7,8-HpCDD	0.102	0.408	107	--		107	107	0.01	1.1	1.1	0.4%	0.4%	
OCDF	0.175	0.7	197	--		197	197	0.0001	0.0	0.0	0.0%	0.0%	
OCDD	0.0805	0.322	198	--		198	198	0.0001	0.0	0.0	0.0%	0.0%	
PCB-81	0.351	1.404	251	J		251	125.5	0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	0.293	1.172	249	--		249	249	0.0001	0.0	0.0	0.0%	0.0%	
PCB-123	0.645	2.58	222	--		222	222	0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	0.589	2.356	325	J		325	162.5	0.0001	0.0	0.0	0.0%	0.0%	
PCB-114	0.682	2.728	217	--		217	217	0.0005	0.1	0.1	0.0%	0.0%	
PCB-105	0.696	2.784	265	J		265	132.5	0.0001	0.0	0.0	0.0%	0.0%	
PCB-126	0.253	1.012	220	--		220	220	0.1	22.0	22.0	8.0%	8.1%	
PCB-167	0.17	0.68	211	--		211	211	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	0.184	0.736	232	--		232	232	0.0005	0.1	0.1	0.0%	0.0%	
PCB-157	0.192	0.768	216	--		216	216	0.0005	0.1	0.1	0.0%	0.0%	
PCB-169	0.235	0.94	226	--		226	226	0.01	2.3	2.3	0.8%	0.8%	
PCB-189	0.0359	0.1436	219	--		219	219	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
248.5	247.6	24.7	24.7	273.3	272.3

Sample ID	779	PE Clean	Ref-F-16										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.0372	0.1488		--		0.0186		0.1	0.0	0.0	0.1%	0.0%	
2,3,7,8-TCDD	0.014	0.056		--		0.007		1	0.0	0.0	0.3%	0.0%	
1,2,3,7,8-PeCDF	0.0514	0.2056		--		0.0257		0.05	0.0	0.0	0.1%	0.0%	
2,3,4,7,8-PeCDF	0.0451	0.1804		--		0.02255		0.5	0.0	0.0	0.5%	0.0%	
1,2,3,7,8-PeCDD	0.106	0.424	0.502	--		0.502	0.502	1	0.5	0.5	24.5%	28.8%	
1,2,3,4,7,8-HxCDF	0.764	3.056		E		0.382		0.1	0.0	0.0	1.9%	0.0%	
1,2,3,6,7,8-HxCDF	1.37	5.48		E		0.685		0.1	0.1	0.0	3.3%	0.0%	
2,3,4,6,7,8-HxCDF	0.122	0.488	0.472	B	<5*B	0.472	0.118	0.1	0.0	0.0	2.3%	0.7%	
1,2,3,7,8,9-HxCDF	0.487	1.948		E	<5*B	0.2435		0.1	0.0	0.0	1.2%	0.0%	
1,2,3,4,7,8-HxCDD	0.0672	0.2688	1.03	--		1.03	1.03	0.1	0.1	0.1	5.0%	5.9%	
1,2,3,6,7,8-HxCDD	0.0574	0.2296	2	--		2	2	0.1	0.2	0.2	9.8%	11.5%	
1,2,3,7,8,9-HxCDD	0.0561	0.2244	1.38	--		1.38	1.38	0.1	0.1	0.1	6.7%	7.9%	
1,2,3,4,6,7,8-HpCDF	11.4	45.6		D		2.85		0.01	0.0	0.0	1.4%	0.0%	
1,2,3,4,7,8,9-HpCDF	0.165	0.66	0.529	B	<5*B	0.529	0.13225	0.01	0.0	0.0	0.3%	0.1%	
1,2,3,4,6,7,8-HpCDD	0.219	0.876	66.4	--		66.4	66.4	0.01	0.7	0.7	32.4%	38.1%	
OCDF	0.0859	0.3436	9.86	B	<5*B	9.86	4.93	0.0001	0.0	0.0	0.0%	0.0%	
OCDD	0.808	3.232	770	--		770	770	0.0001	0.1	0.1	3.8%	4.4%	
PCB-81	1.53	6.12		J		0.765		0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	1.94	7.76	5.99	B	<5*B	5.99	1.4975	0.0001	0.0	0.0	0.0%	0.0%	
PCB-123	0.982	3.928	5.63	--		5.63	5.63	0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	0.897	3.588	256	BJ	<5*B	256	128	0.0001	0.0	0.0	1.2%	0.7%	
PCB-114	1.03	4.12	6.06	B	<5*B	6.06	3.03	0.0005	0.0	0.0	0.1%	0.1%	
PCB-105	1.05	4.2	116	J		116	58	0.0001	0.0	0.0	0.6%	0.3%	
PCB-126	1.32	5.28		I		0.66		0.1	0.1	0.0	3.2%	0.0%	
PCB-167	0.283	1.132	14.5	--		14.5	14.5	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	0.308	1.232	36.3	--		36.3	36.3	0.0005	0.0	0.0	0.9%	1.0%	
PCB-157	0.32	1.28	9.35	--		9.35	9.35	0.0005	0.0	0.0	0.2%	0.3%	
PCB-169	0.286	1.144		--		0.143		0.01	0.0	0.0	0.1%	0.0%	
PCB-189	0.205	0.82	2.44	B	<5*B	2.44	1.22	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
1.9	1.7	0.1	0.0	2.1	1.7

Sample ID	206	PE Low Std	PEL-F-4									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.522	2.088	3.94	NJ		1.97	0	0.1	0.2	0.0	0.3%	0.0%
2,3,7,8-TCDD	0.18	0.72	11.2	I		11.2	11.2	1	11.2	11.2	15.4%	15.5%
1,2,3,7,8-PeCDF	0.271	1.084	96.8	--		96.8	96.8	0.05	4.8	4.8	6.6%	6.7%
2,3,4,7,8-PeCDF	0.23	0.92	26.9	--		26.9	26.9	0.5	13.5	13.5	18.5%	18.6%
1,2,3,7,8-PeCDD	0.236	0.944	20.8	I		20.8	20.8	1	20.8	20.8	28.5%	28.8%
1,2,3,4,7,8-HxCDF	0.48	1.92	29.7	--		29.7	29.7	0.1	3.0	3.0	4.1%	4.1%
1,2,3,6,7,8-HxCDF	0.443	1.772	2.13	--		2.13	2.13	0.1	0.2	0.2	0.3%	0.3%
2,3,4,6,7,8-HxCDF	0.555	2.22	75.2	I		75.2	75.2	0.1	7.5	7.5	10.3%	10.4%
1,2,3,7,8,9-HxCDF	0.651	2.604	65.2	--		65.2	65.2	0.1	6.5	6.5	8.9%	9.0%
1,2,3,4,7,8-HxCDD	0.193	0.772	9.84	I		9.84	9.84	0.1	1.0	1.0	1.4%	1.4%
1,2,3,6,7,8-HxCDD	0.164	0.656	14.5	--		14.5	14.5	0.1	1.5	1.5	2.0%	2.0%
1,2,3,7,8,9-HxCDD	0.165	0.66	3.22	J		3.22	1.61	0.1	0.3	0.2	0.4%	0.2%
1,2,3,4,6,7,8-HpCDF	7.15	28.6		D	<5*B	1.7875		0.01	0.0	0.0	0.0%	0.0%
1,2,3,4,7,8,9-HpCDF	0.445	1.78	63.4	--		63.4	63.4	0.01	0.6	0.6	0.9%	0.9%
1,2,3,4,6,7,8-HpCDD	0.176	0.704	99.2	--		99.2	99.2	0.01	1.0	1.0	1.4%	1.4%
OCDF	0.176	0.704	33.6	B	<5*B	33.6	16.8	0.0001	0.0	0.0	0.0%	0.0%
OCDD	0.194	0.776	382	--		382	382	0.0001	0.0	0.0	0.1%	0.1%
PCB-81	5.19	20.76		IJ		2.595		0.0001	0.0	0.0	0.0%	0.0%
PCB-77	4.5	18	20.3	BIJ	<5*B	20.3	10.15	0.0001	0.0	0.0	0.0%	0.0%
PCB-123	14	56		--	<5*B	7		0.0001	0.0	0.0	0.0%	0.0%
PCB-118	13.3	53.2	1280	CJ		1280	640	0.0001	0.1	0.1	0.2%	0.1%
PCB-114	14.6	58.4	31.8	--		31.8	15.9	0.0005	0.0	0.0	0.0%	0.0%
PCB-105	15	60	627	C		627	627	0.0001	0.1	0.1	0.1%	0.1%
PCB-126	1.81	7.24	3.73	I		3.73	1.865	0.1	0.4	0.2	0.5%	0.3%
PCB-167	1.7	6.8	70.7	--		70.7	70.7	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	1.7	6.8	190	--		190	190	0.0005	0.1	0.1	0.1%	0.1%
PCB-157	1.81	7.24	45	--		45	45	0.0005	0.0	0.0	0.0%	0.0%
PCB-169	1.43	5.72		EI		0.715		0.01	0.0	0.0	0.0%	0.0%
PCB-189	1.55	6.2	9.58	--		9.58	9.58	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
72.2	71.8	0.7	0.4	72.9	72.2

Sample ID	PC00353	PE Low Std	PEL									
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.152	0.608	1.37	NJ		0.685	0	0.1	0.1	0.0	0.3%	0.0%
2,3,7,8-TCDD	0.0183	0.0732	4.07	--		4.07	4.07	1	4.1	4.1	15.4%	15.5%
1,2,3,7,8-PeCDF	0.105	0.42	35.6	--		35.6	35.6	0.05	1.8	1.8	6.7%	6.8%
2,3,4,7,8-PeCDF	0.0976	0.3904	10	--		10	10	0.5	5.0	5.0	18.9%	19.1%
1,2,3,7,8-PeCDD	0.0303	0.1212	7.01	--		7.01	7.01	1	7.0	7.0	26.5%	26.7%
1,2,3,4,7,8-HxCDF	0.0683	0.2732	11.2	--		11.2	11.2	0.1	1.1	1.1	4.2%	4.3%
1,2,3,6,7,8-HxCDF	0.0593	0.2372	0.69	--		0.69	0.69	0.1	0.1	0.1	0.3%	0.3%
2,3,4,6,7,8-HxCDF	0.0772	0.3088	27	--		27	27	0.1	2.7	2.7	10.2%	10.3%
1,2,3,7,8,9-HxCDF	0.106	0.424	25.4	--		25.4	25.4	0.1	2.5	2.5	9.6%	9.7%
1,2,3,4,7,8-HxCDD	0.0093	0.0372	3.73	--		3.73	3.73	0.1	0.4	0.4	1.4%	1.4%
1,2,3,6,7,8-HxCDD	0.00847	0.0339	5.4	--		5.4	5.4	0.1	0.5	0.5	2.0%	2.1%
1,2,3,7,8,9-HxCDD	0.00837	0.0335	1.01	--		1.01	1.01	0.1	0.1	0.1	0.4%	0.4%
1,2,3,4,6,7,8-HpCDF	2.61	10.44		D		0.6525		0.01	0.0	0.0	0.0%	0.0%
1,2,3,4,7,8,9-HpCDF	0.188	0.752	25.7	--		25.7	25.7	0.01	0.3	0.3	1.0%	1.0%
1,2,3,4,6,7,8-HpCDD	0.0788	0.3152	36.7	--		36.7	36.7	0.01	0.4	0.4	1.4%	1.4%
OCDF	0.00468	0.0187	13.1	B	<5*B	13.1	6.55	0.0001	0.0	0.0	0.0%	0.0%
OCDD	0.0486	0.1944	166	--		166	166	0.0001	0.0	0.0	0.1%	0.1%
PCB-81	0.322	1.288	0.345	J		0.345	0.08625	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	0.37	1.48	8	B	<5*B	8	4	0.0001	0.0	0.0	0.0%	0.0%
PCB-123	4.64	18.56	26.9	--		26.9	26.9	0.0001	0.0	0.0	0.0%	0.0%
PCB-118	4.24	16.96	1180	CJ		1180	590	0.0001	0.1	0.1	0.4%	0.2%
PCB-114	4.7	18.8	28.8	--		28.8	28.8	0.0005	0.0	0.0	0.1%	0.1%
PCB-105	4.8	19.2	588	CJ		588	294	0.0001	0.1	0.0	0.2%	0.1%
PCB-126	1.15	4.6	1.51	--		1.51	0.755	0.1	0.2	0.1	0.6%	0.3%
PCB-167	0.282	1.128	52.9	--		52.9	52.9	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	0.307	1.228	158	--		158	158	0.0005	0.1	0.1	0.3%	0.3%
PCB-157	0.319	1.276	35.7	--		35.7	35.7	0.0005	0.0	0.0	0.1%	0.1%
PCB-169	0.409	1.636		EI		0.2045		0.01	0.0	0.0	0.0%	0.0%
PCB-189	0.249	0.996	7.07	--		7.07	7.07	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
26.0	25.9	0.4	0.3	26.5	26.2

Sample ID	573	PE Med Std	PEM-F-4
-----------	-----	------------	---------

Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.689	2.756	6.26	NJ		3.13	0	0.1	0.3	0.0	0.2%	0.0%
2,3,7,8-TCDD	0.49	1.96	54	--		54	54	1	54.0	54.0	39.5%	40.7%
1,2,3,7,8-PeCDF	0.205	0.82	36.9	--		36.9	36.9	0.05	1.8	1.8	1.3%	1.4%
2,3,4,7,8-PeCDF	0.192	0.768	0.895	--		0.895	0.895	0.5	0.4	0.4	0.3%	0.3%
1,2,3,7,8-PeCDD	0.319	1.276	49.2	--		49.2	49.2	1	49.2	49.2	36.0%	37.1%
1,2,3,4,7,8-HxCDF	0.433	1.732	42.1	--		42.1	42.1	0.1	4.2	4.2	3.1%	3.2%
1,2,3,6,7,8-HxCDF	0.374	1.496	2.67	--		2.67	2.67	0.1	0.3	0.3	0.2%	0.2%
2,3,4,6,7,8-HxCDF	0.608	2.432	34.2	--		34.2	34.2	0.1	3.4	3.4	2.5%	2.6%
1,2,3,7,8,9-HxCDF	0.903	3.612	8.67	--		8.67	8.67	0.1	0.9	0.9	0.6%	0.7%
1,2,3,4,7,8-HxCDD	0.126	0.504	38.6	--		38.6	38.6	0.1	3.9	3.9	2.8%	2.9%
1,2,3,6,7,8-HxCDD	0.105	0.42	3.56	--		3.56	3.56	0.1	0.4	0.4	0.3%	0.3%
1,2,3,7,8,9-HxCDD	0.106	0.424	55	J		55	27.5	0.1	5.5	2.8	4.0%	2.1%
1,2,3,4,6,7,8-HpCDF	46.2	184.8		D		11.55		0.01	0.1	0.0	0.1%	0.0%
1,2,3,4,7,8,9-HpCDF	0.205	0.82	27.5	--		27.5	27.5	0.01	0.3	0.3	0.2%	0.2%
1,2,3,4,6,7,8-HpCDD	0.0994	0.3976	45.3	--		45.3	45.3	0.01	0.5	0.5	0.3%	0.3%
OCDF	0.185	0.74	181	--		181	181	0.0001	0.0	0.0	0.0%	0.0%
OCDD	0.16	0.64	346	--		346	346	0.0001	0.0	0.0	0.0%	0.0%
PCB-81	1.24	4.96	10.1	J		10.1	5.05	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	1.24	4.96	256	J		256	128	0.0001	0.0	0.0	0.0%	0.0%
PCB-123	262	1050		--		131		0.0001	0.0	0.0	0.0%	0.0%
PCB-118	247	988	14500	SJ		14500	7250	0.0001	1.5	0.7	1.1%	0.5%
PCB-114	284	1140	635	S		635	317.5	0.0005	0.3	0.2	0.2%	0.1%
PCB-105	291	1160	10700	S		10700	10700	0.0001	1.1	1.1	0.8%	0.8%
PCB-126	5.69	22.76	67.6	--		67.6	67.6	0.1	6.8	6.8	4.9%	5.1%
PCB-167	21	84	1220	S		1220	1220	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	21	84	2960	S		2960	2960	0.0005	1.5	1.5	1.1%	1.1%
PCB-157	22.4	89.6	689	S		689	689	0.0005	0.3	0.3	0.3%	0.3%
PCB-169	8.65	34.6		E		4.325		0.01	0.0	0.0	0.0%	0.0%
PCB-189	7.6	30.4	120	--		120	120	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
125.2	122.0	11.5	10.6	136.7	132.6

Sample ID	PC00802	PE Med Std	PEM										
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ		
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant	
2,3,7,8-TCDF	0.188	0.752	4.17	NJ		2.085	0	0.1	0.2	0.0	0.2%	0.0%	
2,3,7,8-TCDD	0.105	0.42	34	--		34	34	1	34.0	34.0	39.9%	41.7%	
1,2,3,7,8-PeCDF	0.0712	0.2848	24	--		24	24	0.05	1.2	1.2	1.4%	1.5%	
2,3,4,7,8-PeCDF	0.612	2.448		E		0.306		0.5	0.2	0.0	0.2%	0.0%	
1,2,3,7,8-PeCDD	0.062	0.248	28.7	--		28.7	28.7	1	28.7	28.7	33.7%	35.2%	
1,2,3,4,7,8-HxCDF	0.231	0.924	25.5	--		25.5	25.5	0.1	2.6	2.6	3.0%	3.1%	
1,2,3,6,7,8-HxCDF	0.202	0.808	1.55	--		1.55	1.55	0.1	0.2	0.2	0.2%	0.2%	
2,3,4,6,7,8-HxCDF	0.257	1.028	21.2	--		21.2	21.2	0.1	2.1	2.1	2.5%	2.6%	
1,2,3,7,8,9-HxCDF	0.401	1.604	5.24	--		5.24	5.24	0.1	0.5	0.5	0.6%	0.6%	
1,2,3,4,7,8-HxCDD	0.0766	0.3064	24.4	--		24.4	24.4	0.1	2.4	2.4	2.9%	3.0%	
1,2,3,6,7,8-HxCDD	0.0697	0.2788	1.86	--		1.86	1.86	0.1	0.2	0.2	0.2%	0.2%	
1,2,3,7,8,9-HxCDD	0.0691	0.2764	39.6	--		39.6	39.6	0.1	4.0	4.0	4.6%	4.9%	
1,2,3,4,6,7,8-HpCDF	0.194	0.776	30	--		30	30	0.01	0.3	0.3	0.4%	0.4%	
1,2,3,4,7,8,9-HpCDF	0.413	1.652	19.4	--		19.4	19.4	0.01	0.2	0.2	0.2%	0.2%	
1,2,3,4,6,7,8-HpCDD	0.704	2.816	28.4	--		28.4	28.4	0.01	0.3	0.3	0.3%	0.3%	
OCDF	0.0813	0.3252	98.9	--		98.9	98.9	0.0001	0.0	0.0	0.0%	0.0%	
OCDD	0.0982	0.3928	227	--		227	227	0.0001	0.0	0.0	0.0%	0.0%	
PCB-81	7.72	30.88	4.6	J		3.86		0.0001	0.0	0.0	0.0%	0.0%	
PCB-77	8.78	35.12	164	--		164	164	0.0001	0.0	0.0	0.0%	0.0%	
PCB-123	16.7	66.8	294	--		294	294	0.0001	0.0	0.0	0.0%	0.0%	
PCB-118	15.2	60.8	14000	SJ		14000	7000	0.0001	1.4	0.7	1.6%	0.9%	
PCB-114	18.1	72.4	510	C		510	510	0.0005	0.3	0.3	0.3%	0.3%	
PCB-105	18.4	73.6	8350	CJ		8350	4175	0.0001	0.8	0.4	1.0%	0.5%	
PCB-126	19.9	79.6	44	--		44	22	0.1	4.4	2.2	5.2%	2.7%	
PCB-167	0.943	3.772	773	C		773	773	0.00001	0.0	0.0	0.0%	0.0%	
PCB-156	1.03	4.12	2020	C		2020	2020	0.0005	1.0	1.0	1.2%	1.2%	
PCB-157	1.07	4.28	460	--		460	460	0.0005	0.2	0.2	0.3%	0.3%	
PCB-169	5.44	21.76		E		2.72		0.01	0.0	0.0	0.0%	0.0%	
PCB-189	0.978	3.912	79.7	I		79.7	79.7	0.0001	0.0	0.0	0.0%	0.0%	

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
77.0	76.6	8.2	4.9	85.2	81.5

Sample ID	246	<i>Split</i>		<i>split 555</i>								
Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	8	32	5.56	NJ		2		0.1	0.2	0.0	0.7%	0.0%
2,3,7,8-TCDD	0.404	1.616		I		0.202		1	0.2	0.0	0.7%	0.0%
1,2,3,7,8-PeCDF	0.589	2.356	43	--		43	43	0.05	2.2	2.2	7.1%	8.2%
2,3,4,7,8-PeCDF	0.501	2.004	8.29	--		8.29	8.29	0.5	4.1	4.1	13.7%	15.9%
1,2,3,7,8-PeCDD	1.61	6.44		EI	<5*B	0.805		1	0.8	0.0	2.7%	0.0%
1,2,3,4,7,8-HxCDF	7.8	31.2	79.4	--		79.4	79.4	0.1	7.9	7.9	26.2%	30.4%
1,2,3,6,7,8-HxCDF	6.96	27.84	44.6	--		44.6	44.6	0.1	4.5	4.5	14.7%	17.1%
2,3,4,6,7,8-HxCDF	9.29	37.16	20.9	--		20.9	10.45	0.1	2.1	1.0	6.9%	4.0%
1,2,3,7,8,9-HxCDF	13.3	53.2	18.3	--		18.3	9.15	0.1	1.8	0.9	6.0%	3.5%
1,2,3,4,7,8-HxCDD	0.787	3.148	2.67	--		2.67	1.335	0.1	0.3	0.1	0.9%	0.5%
1,2,3,6,7,8-HxCDD	0.662	2.648	5.1	--		5.1	5.1	0.1	0.5	0.5	1.7%	2.0%
1,2,3,7,8,9-HxCDD	0.669	2.676	3.54	J		3.54	1.77	0.1	0.4	0.2	1.2%	0.7%
1,2,3,4,6,7,8-HpCDF	199	796		D		49.75		0.01	0.5	0.0	1.6%	0.0%
1,2,3,4,7,8,9-HpCDF	0.421	1.684	87.3	--		87.3	87.3	0.01	0.9	0.9	2.9%	3.3%
1,2,3,4,6,7,8-HpCDD	0.615	2.46	94.2	--		94.2	94.2	0.01	0.9	0.9	3.1%	3.6%
OCDF	0.151	0.604	1310	--		1310	1310	0.0001	0.1	0.1	0.4%	0.5%
OCDD	0.209	0.836	498	--		498	498	0.0001	0.0	0.0	0.2%	0.2%
PCB-81	0.976	3.904	6.79	J		6.79	3.395	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	11.8	47.2	166	J		166	83	0.0001	0.0	0.0	0.1%	0.0%
PCB-123	14.2	56.8		--	<5*B	7.1		0.0001	0.0	0.0	0.0%	0.0%
PCB-118	13.4	53.6	2800	CJ		2800	1400	0.0001	0.3	0.1	0.9%	0.5%
PCB-114	15.5	62	72.4	--		72.4	72.4	0.0005	0.0	0.0	0.1%	0.1%
PCB-105	15.9	63.6	1290	C		1290	1290	0.0001	0.1	0.1	0.4%	0.5%
PCB-126	1.6	6.4	20.8	--		20.8	20.8	0.1	2.1	2.1	6.9%	8.0%
PCB-167	3.79	15.16	155	--		155	155	0.00001	0.0	0.0	0.0%	0.0%
PCB-156	3.81	15.24	356	--		356	356	0.0005	0.2	0.2	0.6%	0.7%
PCB-157	4.05	16.2	87.1	--		87.1	87.1	0.0005	0.0	0.0	0.1%	0.2%
PCB-169	1.01	4.04	3.18	--		3.18	1.59	0.01	0.0	0.0	0.1%	0.1%
PCB-189	2.87	11.48	39.7	--		39.7	39.7	0.0001	0.0	0.0	0.0%	0.0%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
27.4	23.5	2.8	2.6	30.2	26.1

Sample ID 407 Split split 273

Analyte	Analytical Limits		Results		<5x in MB found	Adjusted Concentrations*		WHO TEFs Human	Calculated TEQs (ppt)		Percent of Total TEQ	
	EDL	QL	Conc	Flag		Full	Quant		Full	Quant	Full	Quant
2,3,7,8-TCDF	0.379	1.516	8.33	NJ		4.165	0	0.1	0.4	0.0	0.9%	0.0%
2,3,7,8-TCDD	0.374	1.496		E		0.187		1	0.2	0.0	0.4%	0.0%
1,2,3,7,8-PeCDF	0.16	0.64	6.66	--		6.66	6.66	0.05	0.3	0.3	0.7%	0.7%
2,3,4,7,8-PeCDF	0.157	0.628	5.6	--		5.6	5.6	0.5	2.8	2.8	5.8%	6.1%
1,2,3,7,8-PeCDD	0.114	0.456	2.06	--		2.06	2.06	1	2.1	2.1	4.2%	4.5%
1,2,3,4,7,8-HxCDF	0.536	2.144	13.8	--		13.8	13.8	0.1	1.4	1.4	2.8%	3.0%
1,2,3,6,7,8-HxCDF	0.552	2.208	7.96	--		7.96	7.96	0.1	0.8	0.8	1.6%	1.7%
2,3,4,6,7,8-HxCDF	1.15	4.6	5.63	--		5.63	5.63	0.1	0.6	0.6	1.2%	1.2%
1,2,3,7,8,9-HxCDF	2.96	11.84		E	<5*B	1.48		0.1	0.1	0.0	0.3%	0.0%
1,2,3,4,7,8-HxCDD	0.797	3.188	3.29	--		3.29	3.29	0.1	0.3	0.3	0.7%	0.7%
1,2,3,6,7,8-HxCDD	0.657	2.628	5.33	--		5.33	5.33	0.1	0.5	0.5	1.1%	1.2%
1,2,3,7,8,9-HxCDD	0.678	2.712	3.75	--		3.75	3.75	0.1	0.4	0.4	0.8%	0.8%
1,2,3,4,6,7,8-HpCDF	0.511	2.044	52.6	--		52.6	52.6	0.01	0.5	0.5	1.1%	1.1%
1,2,3,4,7,8,9-HpCDF	1.11	4.44	12.1	--		12.1	12.1	0.01	0.1	0.1	0.2%	0.3%
1,2,3,4,6,7,8-HpCDD	1.29	5.16	128	--		128	128	0.01	1.3	1.3	2.6%	2.8%
OCDF	0.114	0.456	175	--		175	175	0.0001	0.0	0.0	0.0%	0.0%
OCDD	0.167	0.668	720	--		720	720	0.0001	0.1	0.1	0.1%	0.2%
PCB-81	4.93	19.72	32.8	J		32.8	16.4	0.0001	0.0	0.0	0.0%	0.0%
PCB-77	5.37	21.48	1600	C		1600	1600	0.0001	0.2	0.2	0.3%	0.3%
PCB-123	178	712	578	C		578	289	0.0001	0.1	0.0	0.1%	0.1%
PCB-118	163	652	17700	SJ		17700	8850	0.0001	1.8	0.9	3.6%	1.9%
PCB-114	197	788	634	C		634	317	0.0005	0.3	0.2	0.7%	0.3%
PCB-105	201	804	13800	CJ		13800	6900	0.0001	1.4	0.7	2.8%	1.5%
PCB-126	57.4	229.6	293	C		293	293	0.1	29.3	29.3	60.3%	63.6%
PCB-167	8.62	34.48	2760	C		2760	2760	0.00001	0.0	0.0	0.1%	0.1%
PCB-156	9.38	37.52	5340	C		5340	5340	0.0005	2.7	2.7	5.5%	5.8%
PCB-157	9.76	39.04	1330	C		1330	1330	0.0005	0.7	0.7	1.4%	1.4%
PCB-169	2.99	11.96	20.8	--		20.8	20.8	0.01	0.2	0.2	0.4%	0.5%
PCB-189	6.34	25.36	756	C		756	756	0.0001	0.1	0.1	0.2%	0.2%

* Adjusted concentrations were modified using validation flags.

The Dioxin/Furan Only Full TEQ is used in this report. --->

Dioxin/Furan Only		PCBs Only		All Analytes	
Full	Quant	Full	Quant	Full	Quant
11.9	11.2	36.6	34.9	48.6	46.1

APPENDIX B

CONGENER FINGERPRINTS

THIS APPENDIX IS NOT PROVIDED AT THIS TIME

For a copy, contact Laura Williams (USEPA, Region VIII)